



This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

### Usage guidelines

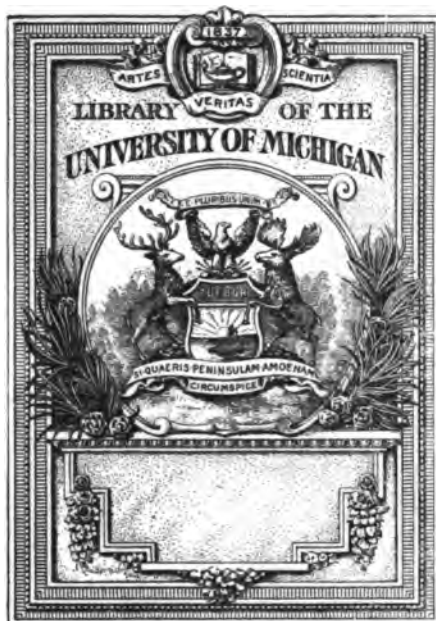
Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

- + *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.
- + *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.
- + *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.
- + *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

### About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at <http://books.google.com/>



J  
301  
.K6









475

# ACCOUNTS AND PAPERS.

FIFTY-SIX VOLUMES.

---

—(37.)—

TRADE, & c.—*continued.*

---

LABOUR STATISTICS; STRIKES AND LOCK-OUTS ;

---

---

Session


23 *January* 1901 — 17 *August* 1901.

---

---

VOL. LXXIII.

1901.





# ACCOUNTS AND PAPERS:

1901.

---

## FIFTY-SIX VOLUMES:—CONTENTS OF THE THIRTY-SEVENTH VOLUME.

---

---

*N.B.—THE Figures at the beginning of the line, correspond with the N° at the foot of each Paper; and the Figures at the end of the line, refer to the MS. Paging of the Volumes arranged for The House of Commons.*

---

### TRADE, &c.—continued.

#### Labour Statistics :

- ✓ [Cd. 495.] Seventh Annual Abstract of Labour Statistics of the United Kingdom, 1899–1900. p. 1

#### Foreign Labour Statistics :

- ✓ [Cd. 720.] Second Abstract of Foreign Labour Statistics. 251

#### Strikes and Lock-outs :

- ✓ [Cd. 689 ] Report by the Chief Labour Correspondent on the Strikes and Lock-outs of 1900 ; with Statistical Tables. 591



ABSTRACT OF LABOUR STATISTICS.

---

BOARD OF TRADE (LABOUR DEPARTMENT).

---

SEVENTH ANNUAL

ABSTRACT OF LABOUR STATISTICS

OF THE

UNITED KINGDOM.

---

1899-1900.

---

Presented to Parliament by Command of His Majesty.

---



LONDON:  
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,  
BY DARLING & SON, LTD., 34-40, BACON STREET, E.

And to be purchased, either directly or through any Bookseller, from  
EYRE AND SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C., and  
32, ABINGDON STREET, WESTMINSTER, S.W.; or  
JOHN MENZIES & Co., ROSE STREET, EDINBURGH, and  
80, WEST NILE STREET, GLASGOW; or  
HODGES, FIGGIS, & Co., LIMITED, 104, GRAFTON STREET, DUBLIN.

1901.

[Cd. 495.] Price 1s.

## CONTENTS.

---

	Page
General Summary of some of the more important figures in Abstract of Labour Statistics relating to Conditions of Labour in 1900, 1899 and 1898 ... ..	xiv
Statistical Tables (for detailed List see pp. iii. to xiii.) ...	1
List of Board of Trade Publications on Labour Questions ...	225
Subject Index to Tables ... ..	228

Labour Department,  
Board of Trade,  
*February 1901.*



# LIST OF TABLES IN ABSTRACT OF LABOUR STATISTICS.

[N.B.—The Tables refer to the United Kingdom unless otherwise stated.]

No. of Table.	Trade Unions.	Page
1. GENERAL SUMMARY .. ..	{ Number and Membership of all Unions; also Membership, Income, Expenditure, and Funds in Hand of 100 Principal Trade Unions in each of the Years 1892 to 1899 .. ..	1
TRADE UNIONS GROUPED BY INDUSTRIES:—		
2. ALL TRADE UNIONS MAKING RETURNS .. ..	{ Number and Membership in each of the Years 1892 to 1899, grouped by Trades ..	2
3. 100 PRINCIPAL UNIONS .. ..	{ Membership, Income, Expenditure, and Funds for each of the Years 1892 to 1899 ..	4
4. DETAILS OF EXPENDITURE OF 100 PRINCIPAL UNIONS .. ..	{ Total Amount and Amount per Member spent on various Benefits in each of the Years 1892 to 1899 .. ..	6
5. PROVISION FOR OLD AGE BY 100 PRINCIPAL TRADE UNIONS.	{ Number of Members in receipt of Superannuation Benefit, and Total Amounts paid, grouped by Industries, in each of the Years 1892 to 1899 .. ..	8
PARTICULARS OF TWENTY OF THE LARGEST TRADE UNIONS:—		
6. Membership at end of each of the Years 1890 to 1899 .. ..		12
7. Total Income in each of the Years 1890 to 1899 .. ..		14
8. Balance of Funds at end of each of the Years 1890 to 1899 .. ..		16
9. Details of the Expenditure per Head during 1899 .. ..		18
10. FEDERATIONS OF TRADE UNIONS .. ..	{ Number of Federations of Trade Unions grouped by Industries, with Number of Members of Trade Unions represented in each of the Years 1895 to 1899 .. ..	20
11. FEDERATIONS OF TRADES COUNCILS .. ..	{ Number of Federations of Trades Councils, with Number of Members of Trade Unions represented in each of the Years 1895 to 1899 .. ..	21
12. TRADES COUNCILS .. ..	{ Number of Trades Councils and Number of Members of Trade Unions represented in each Census district in each of the Years 1894 to 1899 .. ..	22
13. TRADE UNION CONGRESSES .. ..	{ Number of Delegates, Organisations, and Members thereof represented, and the Income of the Congresses held in each of the Years 1896 to 1900 .. ..	23

## Associations of Employers.

14. ASSOCIATIONS OF EMPLOYERS..	{ Number of Associations of Employers in existence at end of 1900, classified according to Trades, and distinguishing Federations and National Associations from Local Associations .. ..	4
7190*—75—11/1900 Wt 19753 D & S 1 a 2		

No. of Table.		Page
<b>Workmen's Co-operative Societies.</b>		
15. GENERAL SUMMARY .. ..	{ Number of Societies for Distribution and Production, Total Membership, Capital, and Sales, together with the Percentage of Membership to the Population of the United Kingdom in each of the Years 1883 to 1899 .. .. .	25
<b>ASSOCIATIONS FOR RETAIL DISTRIBUTION.</b>		
16. MEMBERSHIP, CAPITAL, SALES, &c. (1883-99) .. .. .	{ A. England and Wales .. .. . B. Scotland .. .. . C. Ireland .. .. . D. United Kingdom .. .. .	26 26 26 26
17. RATES OF DIVIDENDS .. ..	{ Mean Rates of Dividends upon Purchases paid to Members by Associations for Distribution for the years 1896-7-8-9 .. .. .	30
<b>CO-OPERATIVE PRODUCTION.</b>		
18. GENERAL SUMMARY .. ..	{ Number of Societies making returns as to Production and Number of Persons employed in Production, grouped (I.) by Classes of Societies for 1898 and 1899 (showing also Total Value of Productions) and (II.) by Age, Sex, and Industry for 1899 .. .. .	31
19. PRODUCTION CARRIED ON BY SOCIETIES FOR RETAIL DISTRIBUTION .. .. .	{ Number of Societies established primarily for Retail Distribution which were also engaged in Production, with Number of Persons employed in Production, Total Value of Productions, and Total Amount paid in Wages for Production in 1898 and 1899:— A. England and Wales .. .. . B. Scotland .. .. . C. Great Britain .. .. .	32 32 33
<b>ASSOCIATIONS FOR PRODUCTION:—</b>		
20. GENERAL SUMMARY .. ..	{ Membership, Capital, Sales, Profit and Distribution thereof, for each of the Years 1883 to 1899 .. .. .	34
21. GROUPED BY INDUSTRIES .. ..	{ Distribution in Groups of Industries, and the Total Sales, for each of the Years 1883 to 1899 .. .. .	36
22. DETAILED PARTICULARS, GROUPED BY INDUSTRIES .. ..	{ Membership, Capital, Sales, and Profit in 1898 and 1899:— A. England and Wales .. .. . B. Scotland .. .. . C. Ireland .. .. . D. United Kingdom .. .. .	36 39 39 39
23. MODE OF DISTRIBUTION OF NET PROFIT .. ..	{ Amount of Profit allotted to Members, Customers, and Workers respectively, by Associations in Great Britain in 1898 and 1899 .. .. .	40
<b>WHOLESALE SOCIETIES.</b>		
24. DISTRIBUTIVE DEPARTMENTS:—		
ENGLISH SOCIETY .. ..	{ Membership, Capital, Sales, and other particulars, in each of the Years 1883 to 1899 .. .. .	42
SCOTTISH SOCIETY .. ..	{ Membership, Capital, Sales, and other particulars, in each of the Years 1883 to 1899 .. .. .	43
IRISH SOCIETIES .. ..	{ Capital, Sales, and other particulars, in each year from commencement of business (1893) to 1899 .. .. .	43
<b>MANUFACTURING DEPARTMENTS:—</b>		
25. ENGLISH SOCIETY .. ..	{ Number of Workpeople, Amount of Capital, Value of Productions, and Amount of Expenses in each of the Years 1874 to 1899 .. .. .	44
26. Do. .. ..	{ Number of Workpeople, Amount of Capital, Value of Productions, and Amount of Expenses in 1898 and 1899, classified by Industries .. .. .	45
27. SCOTTISH SOCIETY .. ..	{ Number of Workpeople, Amount of Capital, Value of Productions, and Amount of Expenses, together with Amount distributed to Workers as Bonus, in each of the Years 1883 to 1899 .. .. .	46

# LIST OF TABLES.

No. of Table.		Page.
<b>Workmen's Co-operative Societies—continued.</b>		
WHOLESALE SOCIETIES—continued.		
MANUFACTURING DEPARTMENTS—continued.		
28.	SCOTTISH SOCIETY .. .. { Number of Workpeople, Amount of Capital Value of Productions, and Amount of Expenses, in 1898 and 1899, classified by Industries .. .. .	47
CORN MILLING SOCIETIES.		
29.	MEMBERSHIP, CAPITAL, &c. .. { Number of Shareholders, Capital, Sales, and Profit in each of the Years 1883 to 1899 ..	48
CO-OPERATIVE CREDIT ASSOCIATIONS.		
30.	MEMBERSHIP, CAPITAL, &c. .. { Number of Members, Capital, Amount of Loans granted, and other particulars for the Years 1888 and 1899.. .. .	49
CO-OPERATIVE CONGRESSES.		
31.	NUMBER OF SOCIETIES REPRESENTED .. .. { Number of Delegates, and of Societies represented at each of the Congresses in the Years 1889 to 1900 .. .. .	50
<b>Workmen's Clubs.</b>		
32.	NUMBER OF REGISTERED WORKMEN'S CLUBS .. .. { Number of Clubs Registered under the Friendly Societies Acts and the Industrial and Provident Societies Acts, in each of the Years 1886 to 1900, and Number remaining on Register at end of each Year .. .. .	51
33.	WORKING MEN'S CLUB AND INSTITUTE UNION .. .. { Number and Membership of Clubs affiliated to the Working Men's Club and Institute Union, at end of each of the Years 1886-96 and 1898-99, arranged by Districts .. .. .	51
<b>Friendly Societies.</b>		
34.	GENERAL SUMMARY .. .. { Number of Societies, Membership, and Funds at end of 1898.. .. .	52
35.	SICKNESS AND MORTALITY EXPERIENCE .. .. { Number of weeks' sickness per annum per Member of Registered Friendly Societies at various ages (with chart); also Percentage of Deaths of Members per annum, at various ages .. .. .	53
PARTICULARS OF FOURTEEN IMPORTANT AFFILIATED ORDERS AND CENTRALISED FRIENDLY SOCIETIES FOR EACH OF THE YEARS 1886 TO 1899:—		
36.	Adult Male Membership at end of each Year .. .. .	54
37.	Total Income (exclusive of Female and Juvenile funds) in each Year ..	54
38.	Total Funds (exclusive of Female and Juvenile funds) at end of each Year ..	56
39.	Total Benefits paid on account of Male Adults in each Year .. .. .	56
40.	Total Amount of Sick Benefit paid to Male Adults in each Year .. .. .	58
41.	Total Amount of Funeral Benefit paid on account of Adults in each Year ..	58
<b>Trade Disputes.</b>		
42.	DISPUTES GROUPED BY TRADES { Number of Disputes reported, Number of Workpeople affected, and Aggregate Duration in Working Days in each of the Years 1894 to 1900 .. .. .	60
43.	DISPUTES GROUPED BY CAUSES { Principal Causes or Objects of Disputes, with Number and Percentage of Workpeople directly involved in each of the Years 1896 to 1900 .. .. .	61
44.	DISPUTES GROUPED BY RESULTS { Percentage proportion of Disputes and of Workpeople directly affected by Disputes in each of the Years 1896 to 1900, which resulted in favour of workpeople, in favour of employers, or in compromise, &c. ..	62
45.	METHODS OF SETTLEMENT OF DISPUTES .. .. { Number of Disputes and of Workpeople directly and indirectly affected in each of the Years 1896 to 1900, classified according to Methods of Settlement .. .. .	62
46.	DISPUTES GROUPED BY DISTRICTS .. .. { Number of Workpeople directly or indirectly affected by Disputes in each of the Years 1896 to 1900, arranged by Districts .. .. .	63
47.	PROPORTION OF WORKING POPULATION AFFECTED BY DISPUTES .. .. { Percentage proportion of Working Population in certain groups of Trades involved in Disputes in each of the years 1896 to 1900 .. .. .	63

No. of Table.		Page
<b>Conciliation and Arbitration.</b>		
48.	CONCILIATION AND ARBITRATION IN THE SETTLEMENT OF TRADE DISPUTES .. .. .	64
49.	WORK OF PERMANENT CONCILIATION AND ARBITRATION BOARDS .. .. .	65

**Production.**

50.	MINERAL PRODUCTION.—GENERAL SUMMARY .. .. .	66
51.	PRODUCTION OF COAL .. .. .	67
52.	PRODUCTION OF IRONSTONE AND IRON ORE .. .. .	68
53.	PRODUCTION OF PIG IRON .. .. .	69
54.	PRODUCTION OF STEEL AND IRON .. .. .	70
<b>SHIPBUILDING:—</b>		
55.	MERCHANT SERVICE .. .. .	71
56.	ROYAL NAVY .. .. .	72
<b>AGRICULTURE:—</b>		
57.	PRODUCTION OF CROPS .. .. .	73
58.	ACREAGE UNDER CROPS AND NUMBER OF LIVE STOCK .. .. .	74

**Fluctuations in Employment.**

59.	MEMBERS OF TRADE UNIONS UNEMPLOYED .. .. .	76
<b>ENGINEERING TRADE:—</b>		
60.	AVERAGE LOSS OF TIME THROUGH WANT OF EMPLOYMENT .. .. .	78
61.	CLASSIFICATION OF WORK-PEOPLE ACCORDING TO TIME LOST .. .. .	79
62.	LONDON DOCK AND WHARF LABOUR .. .. .	80
63.	EMPLOYMENT OF WOMEN AND GIRLS IN TEXTILE TRADES .. .. .	82

## LIST OF TABLES.

vii

No. of  
Table.

## Fluctuations in Employment—continued.

Page

64. NUMBER OF COAL MINERS ..	{ Number of Persons employed under the Coal Mines Regulation Act in the United Kingdom and in the principal Districts in each year from 1886 to 1900 inclusive .. ..	84
65. DAYS WORKED IN COAL MINES ..	{ Average Number of Days per Week on which Coal was hewn and wound in the United Kingdom and in the principal Districts during each month of 1900 .. ..	85
66. DAYS WORKED IN IRON MINES ..	{ Average Number of Days per Week on which Iron Ore was got and drawn in the United Kingdom and in the principal Districts during each month of 1900 .. ..	86

## Imports and Exports.

67. TOTAL IMPORTS AND EXPORTS ..	{ Total declared value of Imports and Exports respectively in each of the years 1886 to 1900 .. ..	87
68. EXPORTS OF TEXTILES AND CLOTHING .. .. .	{ Quantities of certain Textile Yarns and Fabrics and articles of clothing exported during each of the years 1886 to 1900 .. ..	88
69. EXPORTS OF COAL .. .. .	{ Export of Coal from the principal districts of the United Kingdom to the principal groups of Foreign Countries and British Possessions in 1899 .. .. .	90

## Prices.

70. PRICES OF COAL AND IRON ..	{ Mean ascertained selling Price of Coal or Iron per Ton in certain Districts for each year from 1883 to 1900 inclusive .. ..	92
71. AVERAGE PRICES OF BRITISH CORN .. .. .	{ Average Prices of British Corn per Quarter in England and Wales for each of the years 1859 to 1900 .. .. .	93

## Labour Bureaux.

72. WORK DONE BY BUREAUX ..	{ Work done by certain Bureaux during each month of the years 1898, 1899, and 1900 .. ..	94
73. OCCUPATIONS OF APPLICANTS ..	{ Usual occupations of Applicants for work on registers of certain Bureaux at end of each month in 1900 .. .. .	96
74. WOMEN'S EMPLOYMENT BUREAUX .. .. .	{ Work done by certain Women's Employment Bureaux during the Years 1899 and 1900 .. ..	98

## Pauperism.

75. ENGLAND AND WALES .. .. .	{ Number and Classes of Paupers in receipt of Relief on 1st January and 1st July in each Year from 1886 to 1899, and on 1st January 1900 .. .. .	99
76. SCOTLAND .. .. .	{ Number of Poor of all Classes and of Vagrants in receipt of Relief on one day in January and September in each of the Years 1886 to 1899 and on 14th January 1900 .. .. .	100
77. IRELAND .. .. .	{ Number and Classes of Paupers in receipt of Relief on one day in January and July in each of the Years 1886 to 1899, and in January 1900 .. .. .	101
78. UNITED KINGDOM .. .. .	{ Number of Paupers in receipt of Relief at certain dates in each of the Years 1886 to 1899 and in January 1900, together with the Proportion per 10,000 of Population .. ..	102

## CLASSIFICATION OF PAUPERS BY AGE:—

79. ENGLAND AND WALES .. .. .	{ Number of Paupers under 16 Years, of 16 and under 65 Years, and of 65 Years and upwards, in the Metropolis and in Other Parts of England and Wales, during the Year ended 25th March 1892, together with the Ratio per 10,000 of Population .. ..	103
80. IRELAND .. .. .	{ Number of Paupers under 16 Years, of 16 and under 65 Years, and of 65 Years and upwards, during the Year ended 25th March 1892, together with the Ratio per 10,000 of Population .. .. .	104

No. of Table.		Page
<b>Profit-Sharing.</b>		
81.	NUMBER OF PROFIT-SHARING SCHEMES STARTED AND IN EXISTENCE .. .. .	106
82.	TRADES IN WHICH PROFIT-SHARING SCHEMES HAVE BEEN ADOPTED .. .. .	106
83.	CAUSES OF CESSATION OF PROFIT-SHARING SCHEMES ..	107
84.	RATIO OF BONUS TO WAGES ..	107

### Changes in Rates of Wages.

85.	SUMMARY .. .. .	108
86.	CHANGES IN WAGES, CLASSIFIED BY INDUSTRIES .. .. .	109
87.	METHODS BY WHICH CHANGES IN WAGES WERE ARRANGED ..	110
88.	EARNINGS OF RAILWAY SERVANTS .. .. .	110
89.	CHANGES IN WAGES OF SEAMEN ..	111
90.	AGRICULTURAL LABOURERS' CHANGES IN WAGES .. ..	112
91.	NET EFFECT OF CHANGES IN WAGES .. .. .	112
92.	PERCENTAGE CHANGES IN COAL MINERS' WAGES .. ..	113
93.	PERCENTAGE CHANGES IN COTTON OPERATIVES' WAGES ..	114
94.	PERCENTAGE CHANGES IN WAGES IN FLAX AND JUTE TRADES .. .. .	115

### Changes in Hours of Labour.

95.	SUMMARY .. .. .	116
96.	THE EIGHT HOURS' DAY.. ..	116
97.	CHANGES IN HOURS OF LABOUR, CLASSIFIED BY INDUSTRIES ..	117

LIST OF TABLES.

ix

No of Table.		Page
	<b>Rates of Wages and Hours of Labour recognised by the Principal Trade Unions at 1st January 1901.</b>	
98.	<b>RATES OF WAGES AND HOURS OF LABOUR FOR THE UNDERMENTIONED TRADES IN CERTAIN TOWNS:—</b>	
	Bricklayers .. .. .	118
	Masons .. .. .	118
	Carpenters and Joiners (House) .. .. .	118
	Plumbers (House) .. .. .	118
	Plasterers .. .. .	119
	Painters .. .. .	119
	Patternmakers .. .. .	120
	Ironfounders .. .. .	120
	Engineers .. .. .	120
	Boiler Makers and Iron Shipbuilders .. .. .	121
	Shipwrights .. .. .	122
	Cabinet Makers, &c. .. .. .	122
	Lithographic Printers .. .. .	122
	Compositors (Hand Composition) .. .. .	123
	<b>Wages and Earnings of Agricultural Labourers.</b>	
99.	<b>ORDINARY AGRICULTURAL LABOURERS .. .. .</b>	{ Average Rates of Weekly Cash Wages and Average Total Weekly Earnings in each County in 1896 .. .. . 124
100.	<b>HORSEMEN, CATTLEMEN AND SHEPHERDS (ENGLAND) .. .. .</b>	{ Average Rates of Weekly Cash Wages and Average Total Weekly Earnings in certain Counties in 1896 .. .. . 128
101.	<b>CATTLEMEN, SHEPHERDS AND ORRAMEN (SCOTLAND) .. .. .</b>	{ Average Rates of Weekly Cash Wages and Average Total Weekly Earnings in each County in 1896 .. .. . 130
102.	<b>AVERAGE WAGES FOR A SERIES OF YEARS.</b>	{ Average Weekly Cash Wages of Ordinary Labourers employed on certain Farms in England and Wales in each of the Years 1850 to 1899, and the Percentage Fluctuations of Wages as compared with 1896 .. .. . 133
	<b>Average Rates of Wages in Various Industries.</b>	
	<b>SUMMARY.</b>	
103.	<b>GENERAL SUMMARY .. .. .</b>	{ Average Weekly Rates of Wages at October 1896 of Men, Lads and Boys, Women and Girls respectively, employed in various Industries .. .. . 134
	<b>METAL, MINING, TEXTILE, CLOTHING, WOODWORKING, &amp;c., INDUSTRIES.</b>	
	<b>Average Weekly Rates of Wages at October 1896 in various Occupations, arranged by Districts:—</b>	
	• Pig Iron Manufacture, and Iron and Steel Shipbuilding .. .. .	136
	Engineering and Machinery Works .. .. .	138
	Coal, Iron Ore, and Ironstone Mines .. .. .	140
	The Cotton Industry .. .. .	142
	The Woollen Industry .. .. .	144
	The Worsted and Linen Industries .. .. .	146
104.	<b>AVERAGE WEEKLY WAGES IN VARIOUS OCCUPATIONS .. .. .</b>	{ Dressmaking, Millinery, and Mantle Making Trades, and Baby Linen, &c., Trades .. .. . 148
	Bespoke Tailoring Trade, Boot and Shoe Factories, Breweries, and Distilleries .. .. .	149
	Tin Plate Works, Brass Work and Metal Wares Manufacture, Saw Mills, Wood Shipbuilding, Cooperage Works .. .. .	150
	Coach and Carriage Building, Railway Carriage and Wagon Building, Printing and Engraving Trades (Large Works), Chemical Manure Works, Bricks, Tiles, &c., Manufacture .. .. .	151
	<b>RAILWAY SERVANTS.</b>	
105.	<b>RAILWAY SERVANTS—CLASSIFICATION OF WEEKLY RATES OF WAGES .. .. .</b>	{ Number of Men employed in some of the largest Classes of Railway Servants, grouped according to their various Weekly Rates of Wages in 1891, with corresponding totals for 1896:—
	A. England and Wales .. .. .	152
	B. Scotland .. .. .	153
	C. Ireland .. .. .	154
	D. United Kingdom .. .. .	155

No. of  
Table.

Page

## Average Rates of Wages in Various Industries—continued.

## SEAMEN.

106. SEAMEN—CLASSIFICATION OF RATES OF WAGES .. ..	{ Number of Seamen, Firemen, &c. (excluding Officers but including Petty Officers) engaged at Ports in the United Kingdom in 1892 for employment on board Steam and Sailing Vessels classified according to the Rates of Wages:— A. Monthly Rates .. .. . 156 B. Weekly Rates .. .. . 157
--	---

## EMPLOYEES AT HOSPITALS AND ASYLUMS.

107. NURSES, ATTENDANTS, AND OTHERS AT HOSPITALS AND ASYLUMS — CLASSIFICATION OF RATES OF WAGES .. ..	{ Number of Nurses, Attendants, and others returned as employed at Hospitals and Infirmarys and at Lunatic Asylums in 1898, grouped according to their Annual Rates of Pay, together with the Average Annual Rates of Pay for each class:— A. Hospitals and Infirmarys .. .. 158 B. Lunatic Asylums .. .. . 159
---	---

## WOMEN AND GIRLS AND HALF-TIMERS IN TEXTILE TRADES.

108. SUMMARY OF RATES OF WAGES OF WOMEN AND GIRLS IN TEXTILE TRADES.. .. .	{ Number and Average Weekly Wages of Women and Girls (excluding Half-Timers) employed by firms making returns, in Textile Trades in various Districts at 1st October 1896 .. .. . 160
109. SUMMARY OF RATES OF WAGES OF HALF-TIMERS IN TEXTILE TRADES .. .. .	{ Number and Average Weekly Wages of Half-Timers (boys and girls) employed by firms making returns, in Textile Trades in various Districts at 1st October 1896 .. .. 161

## Industrial Accidents.

110. GENERAL SUMMARY .. ..	{ Number of Persons of Various Classes reported as Killed or Injured by Industrial Accidents during 1897, 1898, 1899 and 1900 .. 162
111. ACCIDENTS TO FACTORY AND WORKSHOP OPERATIVES ..	{ Number of Persons Killed or Injured in Factories and Workshops in each of the Years 1896 to 1900 .. .. . 164
ACCIDENTS TO FACTORY OPERATIVES:—	
112. IN NON-TEXTILE FACTORIES ..	{ Number Killed and Injured by Accidents in various classes of Non-Textile Factories in 1899; and also Number employed in such Factories in 1897, and Accident Rates per 1,000 employed, classified by Sex .. .. . 165
113. IN TEXTILE FACTORIES ..	{ Number Killed and Injured by Accidents in various classes of Textile Factories in 1899; also Number employed in such Factories in 1897, and Accident Rates per 1,000 employed, classified by Age and Sex .. .. . 166
114. FATAL ACCIDENTS TO COAL MINERS .. .. .	{ Number of Deaths from various classes of Accidents; and Death-rates per 1,000 Persons employed, and per 1,000,000 Tons of Mineral raised, in each of the Years 1896 to 1900 .. .. . 168
115. FATAL ACCIDENTS TO METAL MINERS .. .. .	{ Number of Deaths from various classes of Accidents; and Death-rates per 1,000 Persons employed, in each of the Years 1896 to 1900 .. .. . 169
116. FATAL ACCIDENTS TO SEAMEN ..	{ Number of Deaths caused by Accidents to Seamen on Registered Merchant Vessels, Fishing Vessels, and other Craft, in each of the Years 1896 to 1899-1900 .. .. . 170



# LIST OF TABLES.

xi

No. of Table		Page
<b>Industrial Accidents—continued.</b>		
117. ACCIDENTS TO RAILWAY SERVANTS .. .. .	{ Numbers Killed or Injured in each of the Years 1886 to 1900, distinguishing Accidents connected with the Movement of Railway Vehicles and other Accidents .. .. .	171
118. DISTINGUISHING NATURE OF EMPLOYMENT .. .. .	{ Accidents reported under Notice of Accidents Act, 1894. Number of Persons Killed or Injured by Accidents reported during each of the Years 1896 to 1900 .. .. .	172
119. DISTINGUISHING NATURE OF INJURY .. .. .	{ Number of Persons Injured by Accidents reported during each of the Years 1896 to 1899 .. .. .	173
120. - FATAL ACCIDENTS TO QUARRY-MEN .. .. .	{ Number of Deaths caused by various classes of Accidents in each of the Years 1895 to 1900 .. .. .	173
<b>Diseases of Occupations.</b>		
121. CASES OF LEAD POISONING, &c., IN FACTORIES AND WORKSHOPS .. .. .	{ Number of cases of Lead, Phosphorus, Arsenic, and Mercurial Poisoning, and of Anthrax in various Industries reported in 1899 and 1900, classified by Age and Sex .. .. .	174
<b>Industrial Actions and Prosecutions.</b>		
122. UNDER EMPLOYERS' LIABILITY ACT AND WORKMEN'S COMPENSATION ACT .. .. .	{ Summary of Actions and Arbitrations in County and Sheriff Courts during 1899 .. .. .	176
123. UNDER THE FACTORY AND WORKSHOP ACTS .. .. .	{ Summary of Convictions obtained by Her Majesty's Inspectors of Factories and Workshops during the Year 1899 .. .. .	177
124. UNDER THE MINES AND QUARRIES ACTS .. .. .	{ Summary of Actions dealt with during the Year 1899 .. .. .	178
125. UNDER THE MERCHANT SHIPPING ACTS .. .. .	{ Summary of Actions dealt with during the Year 1899 .. .. .	179
<b>Growth and Movement of Population.</b>		
126. ESTIMATED POPULATION .. .. .	{ Population of the United Kingdom, and each of its Divisions, estimated to the Middle of each of the Years 1885 to 1900 .. .. .	180
127. BIRTHS, DEATHS, AND MARRIAGES .. .. .	{ Total Number of Births, Deaths, and Marriages in England and Wales, Scotland, and Ireland, in each of the Years 1885 to 1899 .. .. .	181
128. DESTINATION OF EMIGRANTS .. .. .	{ Number of British and Irish Passengers to non-European Countries in each of the Years 1885 to 1899 .. .. .	182
129. NATIONALITY OF EMIGRANTS .. .. .	{ Number of Emigrants, distinguishing English, Scottish, Irish, and Foreign, to non-European Countries, in each of the Years 1885 to 1899 .. .. .	183
130. IMMIGRANTS FROM COUNTRIES OUT OF EUROPE .. .. .	{ Number of Immigrants from non-European Countries in each of the Years 1885 to 1899, distinguishing British and Irish from Foreigners .. .. .	184
131. BALANCE OF BRITISH AND IRISH PASSENGER MOVEMENT .. .. .	{ Balance of Emigration from the United Kingdom to Places out of Europe, of Persons of British and Irish Origin only, deducting Recorded Immigration from Recorded Emigration, in each of the Years 1885 to 1899 .. .. .	184
132. ALIEN IMMIGRANTS FROM EUROPE .. .. .	{ Number of Aliens (distinguishing nationality) arriving from Continental Ports, in each of the Years 1894 to 1899 .. .. .	185
133. BALANCE OF TOTAL PASSENGER MOVEMENT .. .. .	{ Excess of Passengers Outwards over Passengers Inwards, and also the Balances, distinguishing Europe from Places out of Europe, in each of the Years 1894 to 1899 .. .. .	186

No. of Table.		Page
<b>Housing of the People (Census of 1891).</b>		
<b>ENGLAND AND WALES :—</b>		
134.	CLASSIFICATION OF ALL TENEMENTS .. .. .	{ Total Number and Percentage of Tenements, Number of Occupants, with Percentage to Population, and Average Number of Occupants per Room, classified according to the Number of Rooms occupied .. .. . 186
135.	OVERCROWDED TENEMENTS	{ Total Number of such Tenements, and Number of Occupants, with Percentage to Population, classified according to Number of Rooms occupied.. .. . 187
<b>SCOTLAND :—</b>		
136.	CLASSIFICATION OF TENEMENTS .. .. .	{ Number of Families, Number of Persons, with Percentage to Population, and Average Number of Occupants per Room arranged according to the Number of Rooms occupied .. .. . 188
<b>IRELAND :—</b>		
137.	CLASSIFICATION OF HOUSES	{ Number of Inhabited Houses, and of the Families occupying them, arranged according to the "Class" of House occupied .. 189

**Ages of the People (Census of 1891).**

138.	AGES OF PEOPLE IN URBAN AND RURAL DISTRICTS ..	{ Number and Percentage of Males and Females living in Urban and Rural Districts of England and Wales, arranged by Groups of Ages, according to the Census of 1891 .. 190
------	--	---

**Occupations of the People (Census of 1891).**

139.	SUMMARY OF CLASSES OF OCCUPATIONS .. .. .	{ Total Number of Males and Females, and the Proportion per 1,000 of all Ages, engaged in the various Classes of Occupations, in the United Kingdom and each of its Divisions, according to the 1891 Census .. .. . 191
140.	SUMMARY OF GROUPS OF OCCUPATIONS .. .. .	{ Number of Males and Females, of all Ages, engaged in the various Groups of Occupations, in the United Kingdom and each of its Divisions, according to the 1891 Census.. 192
141.	PROPORTION OF PERSONS EMPLOYED IN CERTAIN OCCUPATIONS IN 1881 AND 1891 COMPARED.. .. .	{ Increase or Decrease in the Numbers per 10,000, above 10 Years of Age, employed in certain Occupations, at the Census of 1891, as compared with the Census of 1881, in England and Wales, Scotland, and Ireland :— (i) Men and Boys .. .. . 194 (ii) Women and Girls .. .. . 195
142.	OCCUPATIONS OF CHILDREN UNDER 15 YEARS OF AGE ..	{ Number of Boys and Girls employed at the date of the 1891 Census, arranged by Groups of Occupations .. .. . 200

**Employment in Factories and Workshops in 1897.****NUMBER OF FACTORY AND WORKSHOP OPERATIVES IN 1897 :—**

143.	SUMMARY .. .. .	{ Number of Children, Young Persons, and Adults respectively, employed in Factories and in Workshops under the 1878 Factory Act, in each division of the United Kingdom in 1897, distinguishing Males and Females.. 204
144.	DETAILED TABLE GROUPED BY INDUSTRIES .. .. .	{ Ditto, ditto, classified according to industries 206

**HALF-TIMERS IN FACTORIES AND WORKSHOPS :—**

145.	GROUPED BY INDUSTRIES ..	{ Number of Children employed as Half-timers in various classes of Factories and Workshops in 1897, with percentages of Half-timers in each class of works and of Number of Persons of all Ages employed .. .. 208
146.	GROUPED BY COUNTIES AND SEX .. .. .	{ Number of Children employed as Half-timers in Factories and Workshops, in certain counties in 1897, distinguishing Males and Females .. .. . 209

# LIST OF TABLES.

xiii

No. of Table.		Page
<b>Employments of Children on Leaving School (1893-4).</b>		
147.	OCCUPATIONS OF CHILDREN ON LEAVING SCHOOL (UPPER STANDARDS) IN CERTAIN DISTRICTS .. .. .	210
	(A) Boys .. .. .	210
	(B) Girls .. .. .	212

## Employment of Seamen.

148.	COMPARISON OF NUMBERS OF SEAMEN EMPLOYED IN 1891 AND 1896 .. .. .	214
	Number of Seamen of all ratings employed on 5th April 1891 and 25th March 1896 respectively on Trading Vessels, distinguishing British and Foreign Seamen .. .. .	
149.	AGE DISTRIBUTION OF SAILORS AND BOYS .. .. .	214
	Number of Sailors and Boys employed on Trading Vessels on 5th April 1891 and 25th March 1896 respectively, grouped by Age and distinguishing British and Foreign Sailors .. .. .	
150.	NATIONALITIES OF SEAMEN .. .. .	215
	Nationalities of Seamen of all ratings employed on Trading Vessels on 25th March 1896 .. .. .	
151.	PROPORTION OF SEAMEN IN EACH RATING, GROUPED BY NATIONALITIES .. .. .	215
	Percentage proportion of Seamen of various Nationalities who were serving in different ratings on 25th March 1896 .. .. .	

## Employment of Married Women.

152.	PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED .. .. .	216
	Number and Percentage of Women and Girls employed in 1894 by firms making returns, who were Half-timers, Young Persons, and Single, Married, and Widowed Women respectively :—	
153.	.. .. .	217
154.	.. .. .	218
155.	.. .. .	219
	I. General Summary .. .. .	
	II. Cotton Trade (grouped by districts) .. .. .	
	III. Woollen Trade (grouped by districts) .. .. .	
	IV. Worsted Trade (grouped by districts) .. .. .	
	V. Mixed Woollen and Worsted Trades (grouped by districts) .. .. .	

## Building Societies.

156.	LIABILITIES .. .. .	220
	Number and Amount of Liabilities of Building Societies in England and Wales, Scotland, and Ireland, in each of the Years 1886 to 1899 .. .. .	

## Savings Banks.

### RECEIPTS, PAYMENTS, AND CAPITAL:—

157.	POST OFFICE SAVINGS BANKS .. .. .	222
	Total Amounts Received from and Paid to Depositors, and the Amount due to Depositors at the end of the Year, for each of the Years 1885 to 1899 .. .. .	
158.	TRUSTEE SAVINGS BANKS .. .. .	223
	Total Amounts Received from and Paid to Depositors, and the Amount due to Depositors at the end of the Year, for each of the Years 1885 to 1899 .. .. .	

### NUMBER OF ACCOUNTS OPEN:—

159.	POST OFFICE SAVINGS BANKS .. .. .	224
	Number of Accounts open at the end of each Year from 1885 to 1899, for each Division of the United Kingdom .. .. .	
160.	TRUSTEE SAVINGS BANKS .. .. .	224
	Number of Accounts open on 20th November, in each of the Years 1885 to 1899, for each Division of the United Kingdom .. .. .	

**GENERAL SUMMARY OF SOME OF THE MORE IMPORTANT FIGURES  
CONDITIONS OF LABOUR IN THE**

	1900.	1899.	1898.	Page on which details will be found
<b>I.—State of Employment.</b>				
Percentage of Members of Trade Unions returned as unemployed :—				
All Trades for which returns were received.	2·9	2·4	3·0	76
Building Trades ... ..	2·5	1·5	1·3	76
Metal, Engineering and Shipbuilding Trades.	2·6	2·4	4·0	77
Printing and Bookbinding Trades	4·2	3·9	3·7	77
Average number of days worked per week :—				
By Coal Mines ... ..	5·47	5·46	5·25	85
By Iron Mines ... ..	5·65	5·76	5·75	86
Percentage of Women and Girls employed at Mills working Full time :—				
Cotton Spinning ... ..	83·1	95·9	89·3	82
Cotton Weaving ... ..	77·6	90·3	74·0	82
Woollen and Worsted Trades ...	72·6	90·1	68·8	83
London Docks and Principal Wharves	15,538	14,906	14,744	80-1
—Mean daily number of labourers employed.				
<b>II.—Changes in Rates of Wages.*</b>				
Number of Individuals affected by Changes of Wages.	1,088,300	1,175,576	1,015,169	108-9
Net Rise (+) or Fall (—) in weekly wages.				
All Trades ... ..	+ £203,240	+ £90,905	+ £80,815	108-9
Building Trades ... ..	+ £6,560	+ £6,640	+ £7,739	109
Mining and Quarrying ... ..	+ £167,110	+ £54,151	+ £57,680	109
Metal, Engineering and Shipbuilding.	+ £15,990	+ £20,441	+ £12,450	109
<b>III.—Changes in Hours of Labour.*</b>				
Number of Individuals affected by Changes in Hours of Labour.	55,560	35,949	39,049	116, 117
Net Decrease in Weekly Hours of Labour	227,700	127,142	81,917	116, 117
<b>IV.—Trade Disputes.*</b>				
Number of Persons affected by Disputes	184,773	180,217	253,907	60-63
Aggregate { All Trades ... ..	3,784,985	2,516,416	15,289,478	60
Duration { Building Trades ... ..	790,013	854,207	379,170	60
of Disputes { Mining and Quarrying ... ..	1,111,227	504,428	12,876,334	60
in Working { Metal, Engineering and Shipbuilding Trades.	351,984	420,660	1,370,764	60
Days.				
Percentage of work-people directly involved in Disputes				
the Results of { In favour of—				
which were {     Employers ... ..	19·1	43·7	60·1	62
{     Workpeople ... ..	29·1	26·7	22·6	62
{     Compromised ... ..	39·8	29·1	17·2	62
<b>V.—Industrial Accidents.*</b>				
Number of deaths reported ... ..	4,785	4,619	3,810	162

\* The 1900 figures for Changes in Wages and Hours of Labour, Trade Disputes, Industrial Accidents and Production of Coal are preliminary and subject to correction in the Annual Reports.

IN THE ABSTRACT OF LABOUR STATISTICS RELATING TO THE YEARS 1900, 1899 AND 1898.

	1900.	1899.	1898.	Page on which details will be found.
<b>VI.—Prices.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
Coal.—Northumberland ... { <i>per ton at pit's mouth.</i> }	10 3·6	7 0·7	6 1·4	92
Pig Iron—Cleveland ... <i>per ton</i>	68 1·4	53 0·4	40 10·6	92
Manufactured Iron:—				
North of England ... <i>per ton</i>	159 0·1	124 6·6	105 1·3	92
Midlands ... " "	188 5·9	143 0·6	122 1·5	92
Wheat ... <i>per Imperial quarter</i>	26 11	25 8	34 0	93
<b>VII.—Production.</b>				
Coal* ... <i>tons</i>	225,170,163	220,094,781	202,054,516	67
Ironstone and Iron Ore ... "	†	14,461,330	14,176,938	66, 68
Pig Iron ... "	†	9,421,435	8,609,719	69
Steel and Iron:—				
Steel Ingots ... <i>tons</i>	†	4,855,325	4,565,986	70
Puddled Iron Bars ... "	†	1,201,606	1,115,699	70
Ships built and launched:—				
Merchant Vessels and Foreign War Ship. { <i>tons net</i> }	†	949,010	870,608	71
Royal Navy ... <i>tons displacement</i>	37,783	122,693	141,395	72
Principal Corn Crops ... <i>bushels</i>	†	319,929,797	334,319,110	73
<b>VIII.—Workmen's Organisations.</b>				
Trade { Number of Trade Unions ... }	†	1,292	1,310	1, 2
Unions { Membership of above Unions }	†	1,802,518	1,649,231	1, 3
Funds of 100 principal Unions	†	£3,282,922	£2,698,422	1, 4, 5
Co-operative Societies:—				
Number making returns ...	†	1,802	1,767	25
Membership of Societies making returns.	†	1,677,018	1,593,600	25-48
Sales of Societies making returns ...	†	£67,914,520	£63,409,972	25-48
Mean Dividend on Purchases at Retail Distributive Societies.	†	2s. 7½d.	2s. 7½d.	30
Value of Productions of Societies making returns.	†	£10,839,822	£10,200,598	31-48
Friendly Societies (14 of the largest):—				
Membership ...	†	2,367,220	2,303,103	54-5
Funds ...	†	£20,061,735	£19,238,079	56-7
<b>IX.—Miscellaneous.</b>				
Number of British and Irish Emigrants to places out of Europe.	†	146,362	140,644	182-3
Number of British and Irish Immigrants from places out of Europe.	†	100,246	91,248	184
Paupers relieved in United Kingdom (mean of day in summer and winter):—				
Number ...	†	988,172	1,041,498	99-102
Per 10,000 of population ...	†	243	259	102
Deposits in Savings Banks (Post Office and Trustee).	†	£56,125,489	£53,647,926	222-3

† Cannot be stated at time of going to press.



ABSTRACT OF LABOUR STATISTICS.

TRADE UNIONS.

GENERAL SUMMARY, 1892-99.

TABLE 1.—NUMBER and MEMBERSHIP of all TRADE UNIONS; also MEMBERSHIP, INCOME, EXPENDITURE, and FUNDS in HAND of 100 of the Principal TRADE UNIONS.

[Extracted from the Report of the Board of Trade on Trade Unions. Cd. 422 of 1900.]

At end of Year	All Trade Unions.	
	Number.	Total Membership.
1892 ...	1,218	1,508,232
1893 ...	1,269	1,480,270
1894 ...	1,311	1,439,304
1895 ...	1,329	1,409,150
1896 ...	1,341	1,496,760
1897 ...	1,339	1,614,993
1898 ...	1,310	1,649,231
1899 ...	1,292	1,802,518

Year.	100 Principal Trade Unions.						
	Member-ship at end of year.	Total Amount of			Amount per Member.		
		Income.	Expendi-ture.	Funds at end of year.	Income.	Expendi-ture.	Funds at end of year.
	No.	£	£	£	£ s. d.	£ s. d.	£ s. d.
1892 ...	905,116	1,477,325	1,436,095	1,619,502	1 12 8	1 11 8½	1 15 9½
1893 ...	909,536	1,624,631	1,862,320	1,381,813	1 15 8½	2 0 11½	1 10 4½
1894 ...	924,163	1,634,920	1,437,504	1,579,229	1 15 4½	1 11 1½	1 14 2
1895 ...	915,063	1,560,063	1,391,552	1,747,740	1 14 1½	1 10 5	1 18 2½
1896 ...	962,138	1,675,569	1,235,386	2,187,923	1 14 10	1 5 8½	2 5 5½
1897 ...	1,064,493	1,981,986	1,897,636	2,272,273	1 17 2½	1 15 7½	2 2 8½
1898 ...	1,043,183	1,917,269	1,491,120	2,698,422	1 16 9	1 8 7	2 11 8½
1899 ...	1,117,465	1,864,006	1,279,506	3,282,922	1 13 4½	1 2 10½	2 13 9

## ALL TRADE UNIONS—NUMBER

TABLE 2.—NUMBER and MEMBERSHIP of TRADE

*[Extracted from the Report of the Board of*

NOTE.—Only those Trade Unions are included which have furnished Returns for all the

Groups of Trades.	Number of Unions at end of							
	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
Building ... ..	96	99	123	125	133	142	136	136
Mining and Quarrying ...	73	79	80	81	80	67	62	60
Metal, Engineering, and Shipbuilding.	298	292	286	284	289	283	278	272
Textile ... ..	218	223	234	244	245	250	245	242
Clothing ... ..	44	47	45	49	53	50	48	47
Railway Service ... ..	7	9	8	6	6	6	7	7
Other Transport Trades	54	55	58	61	58	60	59	61
Agricultural Labourers and Fishermen.	11	13	13	11	7	6	6	6
Printing, Paper and Allied Trades.	52	56	56	55	57	56	54	53
Woodworking and Furnishing.	109	114	115	118	118	122	121	123
Chemical, Glass, Pottery, &c.	41	46	48	50	48	47	45	43
Food and Tobacco ...	32	36	37	35	35	37	38	38
Workers in Fibre, Cane, &c.	19	19	19	19	17	17	17	16
Leather ... ..	31	32	34	34	33	33	33	32
Enginemen ... ..	34	36	40	42	41	40	38	36
Miscellaneous Trades ...	55	65	67	67	70	69	68	67
General Labour ... ..	24	25	22	19	18	18	21	21
Employees of Public Authorities	20	23	26	29	33	36	34	32
<b>Totals ... ..</b>	<b>1,218</b>	<b>1,269</b>	<b>1,311</b>	<b>1,329</b>	<b>1,341</b>	<b>1,339</b>	<b>1,310</b>	<b>1,292</b>

\* Including female members and members abroad. In 1899 the



TRADE UNIONS.

3

AND MEMBERSHIP.

UNIONS arranged in GROUPS of TRADES.

*Trade on Trade Unions.* Cd. 422 of 1900.]

eight years. The Number of Unions not making Returns of Membership is very small.

* Membership at end of							
1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
158,492	173,350	179,156	179,719	193,838	216,118	233,358	251,065
315,180	318,014	307,181	279,972	279,881	282,961	353,699	424,783
278,731	265,860	263,474	268,406	302,907	318,556	308,374	331,245
204,242	205,617	215,386	218,837	218,389	217,933	213,962	220,098
83,299	80,768	81,786	78,560	76,997	75,840	70,581	68,309
46,453	47,765	53,893	51,220	58,852	101,880	67,956	74,199
108,384	94,206	69,883	69,132	75,991	81,993	80,044	89,084
36,986	32,630	8,125	3,573	3,456	3,879	2,353	2,323
45,291	46,725	47,797	49,060	51,051	52,664	54,074	56,471
31,856	31,940	30,745	31,946	36,744	38,879	37,924	39,352
18,434	19,109	18,123	17,853	17,422	16,524	17,108	17,397
15,121	14,947	15,223	14,627	15,147	16,204	16,915	17,656
5,024	4,691	4,102	4,202	4,210	4,075	4,061	4,231
6,488	6,896	7,211	7,241	7,664	7,977	7,626	7,750
10,016	9,109	10,720	11,131	13,229	14,546	14,879	17,203
14,251	16,359	20,110	20,905	22,070	24,498	24,993	28,517
102,778	86,909	77,926	68,391	76,834	96,534	100,240	111,716
22,206	25,375	28,463	34,375	42,078	43,932	41,084	41,119
1,503,232	1,480,270	1,439,304	1,409,150	1,496,760	1,614,993	1,649,231	1,802,518

females numbered 120,448 and the members abroad 8,293.

## 100 PRINCIPAL TRADE UNIONS.—SUMMARY

TABLE 8.—MEMBERSHIP, INCOME, EXPENDITURE and FUNDS.

[Extracted from the Report of the Board of

Groups of Trades.	Member- ship at end of Year.	Income.	Expendi- ture.	Funds at end of Year.
	No.	£	£	£
Building Trades (14 Unions).	1892	133,551	206,526	192,853
	1893	146,114	241,918	226,048
	1894	149,384	252,172	230,214
	1895	150,250	256,146	231,871
	1896	159,284	276,577	231,032
	1897	176,329	305,184	244,583
	1898	190,716	324,050	248,169
	1899	207,819	354,321	298,451
Mining and Quarrying (15 Unions).	1892	198,527	275,025	233,028
	1893	199,556	347,839	532,124
	1894	201,205	339,699	242,246
	1895	194,879	214,307	177,438
	1896	193,081	222,642	153,181
	1897	198,563	220,246	156,445
	1898	199,942	211,934	159,610
	1899	214,453	233,763	111,049
Metal, Engineering and Shipbuilding (14 Unions).	1892	175,198	495,336	511,369
	1893	177,411	510,809	559,386
	1894	180,688	528,545	576,028
	1895	186,397	575,973	540,126
	1896	207,585	658,069	473,619
	1897	218,098	891,371	1,026,271
	1898	213,447	803,100	627,759
	1899	230,630	696,080	459,147
Textile Trades (20 Unions).	1892	110,653	199,701	231,583
	1893	112,608	222,236	243,267
	1894	115,952	195,130	117,320
	1895	114,687	180,257	126,132
	1896	114,270	180,127	114,448
	1897	115,504	186,767	138,204
	1898	114,576	184,801	119,558
	1899	120,093	176,906	95,962
Clothing Trades (4 Unions).	1892	64,572	68,587	61,748
	1893	63,158	69,930	64,254
	1894	65,090	72,374	59,136
	1895	61,201	79,826	110,698
	1896	57,179	68,810	53,324
	1897	56,524	60,486	72,101
	1898	52,552	64,063	52,193
	1899	48,553	62,128	50,075

## TRADE UNIONS.

5

## OF MEMBERSHIP AND ACCOUNTS.

of ONE HUNDRED of the PRINCIPAL TRADE UNIONS.

*Trade on Trade Unions. Cd. 422 of 1900.]*

Groups of Trades.	Member- ship at end of Year.	Income.	Expendi- ture.	Funds at end of Year.
	No.	£	£	£
Transport (Land and Sea) (10 Unions).	1892	90,388	83,062	62,396
	1893	85,932	80,705	75,065
	1894	88,282	85,737	57,504
	1895	85,234	86,040	58,642
	1896	95,749	92,076	63,065
	1897	143,287	116,560	87,871
	1898	109,461	113,237	103,456
	1899	120,808	117,591	80,739
Printing and Bookbinding Trades (7 Unions).	1892	32,421	51,931	53,305
	1893	33,335	52,851	50,786
	1894	34,293	59,788	56,279
	1895	35,994	66,549	54,093
	1896	37,018	69,406	54,229
	1897	38,234	69,641	54,655
	1898	39,406	71,429	58,769
	1899	41,025	76,240	63,231
Woodworking and Furnishing Trades (5 Unions).	1892	14,887	30,126	27,205
	1893	15,030	32,138	32,265
	1894	14,253	32,235	30,194
	1895	14,830	33,377	30,282
	1896	18,033	36,354	30,746
	1897	19,556	45,162	41,963
	1898	19,015	53,934	46,342
	1899	20,455	46,471	37,504
Miscellaneous Trades (11 Unions).	1892	84,919	67,031	62,608
	1893	76,392	66,205	79,175
	1894	75,016	69,240	68,583
	1895	71,591	67,588	62,270
	1896	79,939	71,508	61,742
	1897	98,398	86,569	75,543
	1898	104,068	90,721	75,262
	1899	113,629	100,506	83,348
Grand Totals (100 Unions).	1892	905,116	1,477,325	1,436,095
	1893	909,536	1,624,631	1,862,320
	1894	924,163	1,634,920	1,437,504
	1895	915,063	1,560,063	1,391,552
	1896	962,138	1,675,569	1,235,386
	1897	1,064,493	1,981,986	1,897,636
	1898	1,043,183	1,917,269	1,491,120
	1899	1,117,465	1,864,006	1,279,506

## 100 PRINCIPAL TRADE UNIONS.—EXPENDI-

TABLE 4.—TOTAL AMOUNT and AMOUNT PER MEMBER\* spent by 100 of

[Extracted from the Report of the Board

BENEFITS, &c.	1892.		1893.		1894.	
	Total Amount.	Per Member.	Total Amount.	Per Member.	Total Amount.	Per Member.
	£	s. d.	£	s. d.	£	s. d.
Unemployed, Travel- ling, and Emigra- tion Benefits.†	327,028	7 2½	467,369	10 3½	454,578	9 10
Dispute Benefit† ...	395,528	8 8½	583,098	12 10	167,469	3 7½
Sick and Accident Benefits.	210,186	4 7½	241,601	5 3½	229,677	4 11½
Superannuation Benefit.	102,578	2 3½	112,606	2 5½	122,221	2 7½
Funeral Benefit ...	68,287	1 6	74,835	1 7½	69,577	1 6
Other Benefits and Grants to Members.	34,405	0 9½	29,544	0 7½	26,507	0 6½
Payments to Fede- rations.	23,688	0 6½	65,484	1 5½	64,241	1 4½
Grants and Fees to other Societies, &c.	20,715	0 5½	30,159	0 8	25,642	0 6½
Working and other Expenses.	253,680	5 7½	257,624	5 8	277,592	6 0
	1,436,095	31 8½	1,862,320	40 11½	1,437,504	31 1½

\* Calculated throughout on the basis of the Total Membership of the 100 Principal the particular

† In the case of two Unions the Allowance paid owing to Trade disputes is partly really Dispute Pay. it has been estimated

TRADE UNIONS.

7

TURE ON VARIOUS BENEFITS.

the PRINCIPAL TRADE UNIONS on the under-mentioned BENEFITS, &c.  
of Trade on Trade Unions. Cd. 422 of 1900.]

1895.		1896.		1897.		1898.		1899.	
Total Amount.	Per Mem- ber.	Total Amount.	Per Mem- ber.	Total Amount.	Per Mem- ber.	Total Amount.	Per- Mem- ber.	Total Amount.	Per Mem- ber.
£	s. d.	£	s. d.	£	s. d.	£	s. d.	£	s. d.
423,563	9 3	267,733	5 6½	336,991	6 4	243,496	4 8	191,013	3 5
195,333	4 3½	170,969	3 6½	633,347	11 10½	313,430	6 0	120,728	2 2
262,864	5 9	245,808	5 1½	267,676	5 0½	278,777	5 4½	302,463	5 5
131,758	2 10½	142,470	2 11½	152,154	2 10½	163,743	3 1½	178,856	3 2½
75,703	1 7½	75,201	1 6½	79,243	1 5½	83,426	1 7½	93,377	1 8
25,340	0 6½	23,147	0 7	26,230	0 6	25,538	0 5½	26,970	0 5½
17,421	0 4½	21,743	0 5½	23,878	0 5½	26,333	0 6	26,895	0 5½
7,090	0 2	11,463	0 3	64,574	1 2½	50,977	0 11½	15,685	0 3½
252,480	5 6½	271,852	5 7½	313,543	5 10½	305,400	5 10½	323,519	5 9½
1,391,552	30 5	1,235,386	25 8½	1,897,636	35 7½	1,491,120	28 7	1,279,506	22 10½

Trade Unions at the end of each Year, and not on the Membership of the Unions paying classes of Benefits.  
included in their Accounts under "Unemployed Benefits." As such Unemployed Benefit is and put under "Dispute Benefit."

## PROVISION FOR OLD AGE

TABLE 5.—NUMBER of MEMBERS of the 100 PRINCIPAL TRADE UNIONS  
BENEFIT

[ Extracted from the Report of the Board of

TRADES.	Number of Unions included in the Table.	Number of Members in receipt of Superannuation Benefit at end of							
		1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>Building Trades.</b>									
Bricklayers .. ..	1	25	26	30	34	32	38	39	40
Stonemasons .. ..	1	351	360	381	369	383	409	395	399
Carpenters and Joiners	3	449	512	610	693	757	790	877	994
Plumbers .. ..	1	3	14	18	19	23	30	34	35
Plasterers .. ..	1	21	35	41	57	65	69	74	81
Painters .. ..	1	16	21	18	18	22	26	28	28
Total .. ..	8	865	967	1,093	1,190	1,281	1,362	1,447	1,577
<b>Metal, Engineering, and Shipbuilding Trades.</b>									
Engineers, &c... ..	4	3,390	2,474	2,698	2,863	3,131	3,268	3,590	3,767
Ironfounders .. ..	2	823	923	960	996	1,008	1,051	1,092	1,138
Blacksmiths .. ..	1	22	26	27	27	28	27	25	27
Brass Workers .. ..	1	15*	38	45	49	51	54	54	54
Shipbuilders .. ..	2	365	377	404	467	507	560	556	647
Total .. ..	10	3,615	3,833	4,134	4,422	4,725	4,960	5,317	5,633
<b>Textile Trades.</b>									
Cotton Spinners ..	1	Cannot be stated.†							
Carpet Weavers ..	1	52	49	58	72	73	69	76	82
Total .. ..	2	Cannot be stated.†							
<b>Clothing Trades.</b>									
Tailors .. ..	2	431	481	541	599	571	533	500	464
Hatters .. ..	1	66	63	77	85	87	96	96	102
Total .. ..	3	497	544	618	684	658	629	596	566

\* Estimated.

† The Superannuation Allowance paid by most of the branches of the Cotton Spinners' Association consists of a lump sum granted on leaving the trade; in only one of them (the Bolton District) is a weekly allowance paid.

TRADE UNIONS.

9

BY TRADE UNIONS.

in receipt of SUPERANNUATION BENEFIT, and the TOTAL AMOUNT of paid.

Trade on Trade Unions. Cd. 422 of 1900.]

TRADES.	Total Amount paid to Superannuated Members in							
	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>Building Trades.</b>	£	£	£	£	£	£	£	£
Bricklayers .. ..	324	330	388	448	442	496	574	564
Stonemasons .. ..	4,379	4,587	4,800	5,019	5,114	5,531	5,656	5,619
Carpenters and Joiners..	7,878	8,929	10,798	12,481	14,032	14,960	16,648	18,432
Plumbers .. .. .	67	234	344	383	460	565	641	746
Plasterers .. .. .	256	399	488	661	855	963	1,069	1,104
Painters .. .. .	318	343	236	225	224	282	347	364
<b>Total .. ..</b>	<b>13,122</b>	<b>14,722</b>	<b>17,054</b>	<b>19,217</b>	<b>21,127</b>	<b>22,797</b>	<b>24,955</b>	<b>26,829</b>
<b>Metal, Engineering, and Shipbuilding Trades.</b>								
Engineers, &c. .. ..	49,820	54,910	58,433	62,450	67,421	72,595	78,771	83,633
Ironfounders .. ..	12,941	14,321	15,722	16,742	17,451	17,987	18,779	19,483
Blacksmiths .. ..	290	313	334	344	356	366	344	334
Brass Workers .. ..	165	258	332	458	522	604	707	599
Shipbuilders .. ..	5,238	5,609	5,764	6,395	6,932	7,726	8,232	13,482
<b>Total .. ..</b>	<b>68,454</b>	<b>75,411</b>	<b>80,605</b>	<b>86,398</b>	<b>92,682</b>	<b>99,278</b>	<b>106,833</b>	<b>117,531</b>
<b>Textile Trades.</b>								
Cotton Spinners .. ..	1,539	1,488	1,336	1,492	1,842	2,101	1,902	3,216
Carpet Weavers .. ..	351	336	383	460	535	587	547	622
<b>Total .. ..</b>	<b>1,890</b>	<b>1,824</b>	<b>1,719</b>	<b>1,952</b>	<b>2,377</b>	<b>2,688</b>	<b>2,449</b>	<b>3,838</b>
<b>Clothing Trades.</b>								
Tailors .. .. .	4,415	4,933	5,710	6,401	6,532	6,044	6,064	5,010
Hatters .. .. .	611	655	742	794	851	919	991	1,046
<b>Total .. ..</b>	<b>5,026</b>	<b>5,588</b>	<b>6,452</b>	<b>7,195</b>	<b>7,383</b>	<b>6,963</b>	<b>7,055</b>	<b>6,056</b>

PROVISION FOR OLD AGE

TABLE 5.—NUMBER of MEMBERS of the 100 PRINCIPAL TRADE such BENEFIT

[Extracted from the Report of the Board of

TRADES.	Number of Unions included in the Table.	Number of Members in receipt of Superannuation Benefit at the end of							
		1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
Transport.									
Railway Servants and Lightermen.	3*	105	119	128	190	114	127	127	162
Printing and Bookbinding Trades.									
Letterpress Printers	3†	241	248	274	303	348	368	415	444
Lithographic Printers	1	11	13	13	21	20	20	19	29
Bookbinders .. ..	2	25	25	26	25	25	25	25	26
Total .. ..	6	277	296	313	349	393	413	459	490
Woodworking and Furnishing Trades.									
Cabinet Makers ..	1	4	4	6	10	12	16	17	24
Coach Makers ..	1	253	255	264	291	291	288	297	288
Mill Sawyers .. ..	1	8	6	4	8	8	13	19	23
Total .. ..	3	260	265	294	309	311	317	333	335
Glass Trades.									
Bottle Making and Flint Glass.	2	256	259	264	274	297	311	314	344
Miscellaneous.									
Brushmakers .. ..	1	57	58	51	59	54	59	61	65
Curriers .. ..	1	20	29	26	29	29	31	29	30
General Labour ..	1	—†	1	1	1	1	1	1	1
Total .. ..	3	77	88	80	89	84	91	91	96
Grand Totals -	40	6,004	6,415	6,907	7,489	7,936	8,279	8,760	9,294

\* The Lightermen's Union did not pay Superannuation Benefit except in 1892, 1893, and 1895.  
† The Scottish Typographical Association commenced to pay Superannuation Benefit in 1893.



**BY TRADE UNIONS—continued.**

UNIONS in receipt of SUPERANNUATION BENEFIT and the TOTAL AMOUNT of paid—continued.

Trade on Trade Unions. Cd. 422 of 1900.]

TRADES.	Total Amount paid to Superannuated Members in							
	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>Transport.</b>	£	£	£	£	£	£	£	£
Railway Servants and Lightermen.	2,163	2,380	2,497	1,991	2,132	2,526	2,450	2,875
<b>Printing and Bookbinding Trades.</b>								
Letterpress Printers ..	3,773	4,301	4,787	5,205	6,516	7,233	8,804	9,240
Lithographic Printers	161	178	182	210	280	287	283	461
Bookbinders .. ..	144	294	313	320	320	322	320	317
<b>Total .. ..</b>	<b>4,078</b>	<b>4,773</b>	<b>5,282</b>	<b>5,735</b>	<b>7,116</b>	<b>7,842</b>	<b>9,407</b>	<b>10,018</b>
<b>Woodworking and Furnishing Trades.</b>								
Cabinet Makers ..	47	57	74	127	163	235	284	306
Coach Makers .. ..	3,902	3,961	4,325	4,697	4,857	4,697	5,093	5,242
Mill Sawyers .. ..	21	41	45	92	59	116	162	215
<b>Total .. ..</b>	<b>3,970</b>	<b>4,059</b>	<b>4,444</b>	<b>4,916</b>	<b>5,079</b>	<b>5,248</b>	<b>5,539</b>	<b>5,763</b>
<b>Glass Trades.</b>								
Bottle Making and Flint Glass.	2,728	2,710	2,991	3,208	3,446	3,655	3,818	3,970
<b>Miscellaneous.</b>								
Brushmakers .. ..	935	881	869	832	818	837	907	1,053
Curriers .. ..	212	252	295	301	297	307	317	310
General Labour ..	—	6	13	13	13	13	13	13
<b>Total .. ..</b>	<b>1,147</b>	<b>1,139</b>	<b>1,177</b>	<b>1,146</b>	<b>1,128</b>	<b>1,157</b>	<b>1,237</b>	<b>1,376</b>
<b>Grand Total -</b>	<b>102,578</b>	<b>112,606</b>	<b>122,221</b>	<b>131,758</b>	<b>142,470</b>	<b>152,154</b>	<b>163,743</b>	<b>178,856</b>

† The Bristol and South Wales Operatives Union commenced to pay Superannuation Benefit in 1893.  
 § The total number of superannuated members is exclusive of those belonging to the Amalgamated Cotton Spinners.

## PARTICULARS OF TWENTY OF THE

TABLE 6.—MEMBERSHIP of Twenty of the largest TRADE UNIONS, arranged  
[Compiled from the Reports of the

Trade Unions.	1890.	1891.	1892.
<b>Building Trades.</b>			
Operative Bricklayers' Society... ..	12,740	17,068	22,270
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	11,972	13,485	16,238
Amalgamated Society of Carpenters and Joiners.	30,693	33,533	37,588*
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	16,961	17,366	17,059
Durham Miners' Association ... ..	40,000	55,000	50,000
Yorkshire Miners' Association ... ..	50,000	52,000	55,000
Nottinghamshire Miners' Association... ..	9,763	15,575	17,011
<b>Metal, Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	14,821	15,291	15,190
Amalgamated Society of Engineers ... ..	67,928	71,221	70,909†
United Society of Boilermakers and Iron and Steel Shipbuilders.	32,926	36,996	39,000
Associated Shipwrights' Society ... ..	7,389	10,120	11,937
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	18,145	19,662	18,308
Blackburn and District Power-loom Weavers' Association.	10,800	10,800	10,800
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	23,459	30,046	42,524
Amalgamated Society of Tailors ... ..	16,629	17,573	16,732
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	26,360	29,820	30,611
Dock, Wharf, Riverside, and General Labourers' Union of Great Britain and Ireland.	57,000	30,000	22,913
<b>Printing Trades.</b>			
London Society of Compositors ... ..	8,910	9,350	9,798
Typographical Association ... ..	9,016	10,262	11,313
<b>Labourers.</b>			
National Union of Gas Workers and General Labourers of Great Britain and Ireland.	...	35,719†	36,108

\* Includes members abroad, of whom there were 4,031 in 1899.

† Includes members abroad, of whom there were 4,043 in 1899.

**LARGEST TRADE UNIONS.—MEMBERSHIP.**

in GROUPS of TRADES, at the end of each of the under-mentioned Years.

*Board of Trade on Trade Unions.]*

1893.	1894.	1895.	1896.	1897.	1898.	1899.
22,253	23,557	24,123	26,289	29,755	33,310	36,491
16,683	16,768	16,174	16,816	17,294	18,709	19,682
40,996*	43,041*	44,155*	48,631*	53,057*	56,634*	61,781*
17,367	17,772	20,522	19,894	20,884	21,594	22,667
50,000	58,274	58,400	59,153	60,738	60,954	64,563
55,000	55,000	50,379	50,000	50,000	50,000	51,000
18,835	16,550	13,363	14,642	14,609	15,287	16,766
15,050	15,195	15,176	16,278	16,915	17,295	17,971
73,528†	75,510†	79,134†	87,313†	91,444†	83,564†	84,957†
98,238	39,228	39,629	40,776	42,178	43,905	47,417
13,325	13,447	13,747	14,235	14,785	15,084	15,582
19,327	18,615	18,234	18,009	17,760	17,813	18,151
10,800	11,200	11,200	11,400	11,700	12,000	13,000
41,274	43,955	40,720	36,385	35,598	32,084	27,993
16,087	15,540	15,005	15,125	15,216	14,708	14,571
33,826	40,993	38,119	44,709	85,928	54,426	59,819
14,000	10,000	9,000	10,000	10,100	9,100	13,210
10,151	10,011	10,280	10,558	10,780	11,079	11,415
12,027	12,544	13,593	13,906	14,405	15,075	15,854
30,793	27,839	23,532	29,730	40,042	43,474	48,030

† First year for which figures are available, but the Union was established two years before.

## PARTICULARS OF TWENTY OF THE

TABLE 7.—TOTAL YEARLY INCOME of Twenty of the largest

[Compiled from the Reports of the

Trade Unions.	1890.	1891.	1892.
<b>Building Trades.</b>	£	£	£
Operative Bricklayers' Society ... ..	18,157	26,052	32,520
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	16,343	18,320	22,135
Amalgamated Society of Carpenters and Joiners.	75,312	88,214	98,824
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	10,579	11,101	16,112
Durham Miners' Association ... ..	47,074	56,067	108,625
Yorkshire Miners' Association ... ..	56,069	67,455	73,245
Nottinghamshire Miners' Association ...	4,772	6,856	9,545
<b>Metal Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	44,894	46,185	47,010
Amalgamated Society of Engineers ... ..	183,469	189,774	245,669
United Society of Boilermakers and Iron and Steel Shipbuilders.	119,646	112,076	113,336
Associated Shipwrights' Society ... ..	10,369	14,599	18,159
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	53,257	58,617	90,830
Blackburn and District Power-loom Weavers' Association.	7,776	8,272	7,874
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	20,249	28,991	29,340
Amalgamated Society of Tailors ... ..	23,015	25,057	27,438
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	37,325	35,280	35,842
Dock, Wharf, Riverside, and General Labourers' Union of Great Britain and Ireland.	19,690	19,344	15,054
<b>Printing Trades.</b>			
London Society of Compositors ... ..	16,533	18,254	19,557
Typographical Association ... ..	9,810	10,828	13,488
<b>Labourers.</b>			
National Union of Gas Workers and General Labourers of Great Britain and Ireland.	...	*15,532	12,560

\* First year for which figures are available, but the Union was established two years before.

**LARGEST TRADE UNIONS.—INCOME.**

TRADE UNIONS, ARRANGED IN GROUPS OF TRADES.

*Board of Trade on Trade Unions.]*

1893.	1894.	1895.	1896.	1897.	1898.	1899.
£	£	£	£	£	£	£
42,845	37,180	37,761	43,654	51,239	54,385	55,798
23,582	22,278	21,155	22,326	23,578	25,468	27,190
109,723	115,910	119,490	126,107	137,239	142,767	150,653
18,227	19,061	11,701	12,888	13,105	13,278	14,171
104,906	76,863	82,950	93,635	78,502	78,552	84,490
129,088	118,342	66,016	62,475	59,787	59,809	66,074
25,912	40,981	14,765	14,968	15,828	16,864	19,253
50,343	57,346	62,502	61,085	62,403	70,168	62,875
265,214	269,672	296,960	347,867	537,195	427,591	324,113
104,099	107,338	117,741	129,989	141,993	148,491	155,174
22,626	21,830	23,521	26,536	29,562	33,840	30,936
119,633	98,450	83,399	84,021	85,701	83,683	76,410
8,441	9,682	9,463	9,158	9,226	10,268	10,906
31,201	36,532	44,673	35,225	26,062	29,314	27,233
28,552	24,775	23,830	23,692	23,833	24,728	24,497
38,500	46,550	47,404	51,154	72,054	68,588	68,495
10,922	6,987	5,572	5,768	5,623	4,469	7,445
21,680	26,970	28,519	32,008	29,844	31,241	30,916
14,176	15,676	20,395	17,537	20,330	20,094	22,850
10,115	8,696	7,180	8,739	16,369	16,702	20,533

## PARTICULARS OF TWENTY OF THE LARGEST

TABLE 8.—AMOUNT of BALANCE of FUNDS of Twenty  
at the end of each of

[Compiled from the Annual Reports of

Trade Unions.	1890.	1891.	1892.
<b>Building Trades.</b>			
Operative Bricklayers' Society ... ..	£ 33,235	£ 43,995	£ 41,306
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	5,370	8,897	9,901
Amalgamated Society of Carpenters and Joiners.	66,360	70,936	79,010
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	16,113	23,682	25,509
Durham Miners' Association ... ..	48,389	55,407	36,361
Yorkshire Miners' Association ... ..	79,057	117,822	163,826
Nottinghamshire Miners' Association ...	5,412	10,242	13,794
<b>Metal, Engineering and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	47,855	53,022	44,314
Amalgamated Society of Engineers ... ..	239,509	237,251	214,344
United Society of Boilermakers and Iron and Steel Shipbuilders.	148,854	183,635	194,071
Associated Shipwrights' Society ... ..	16,688	23,787	27,908
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	96,425	115,243	79,189
Blackburn and District Power-loom Weavers' Association.	14,895	16,291	17,438
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives	13,417	32,705	40,286
Amalgamated Society of Tailors ... ..	14,608	10,925	8,188
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, Scotland, and Wales.	98,114	110,584	120,827
Dock, Wharf, Riverside, and General Labourers' Union of Great Britain and Ireland.	6,285	6,809	8,775
<b>Printing Trades.</b>			
London Society of Compositors ... ..	29,587	26,526	24,249
Typographical Association ... ..	27,073	30,450	35,825
<b>Labourers.</b>			
National Union of Gasworkers and General Labourers of Great Britain and Ireland.	...	*2,789	4,644

\* First year for which figures are available, but the Union was established  
two years before.

## TRADE UNIONS.—BALANCE OF FUNDS.

of the largest TRADE UNIONS, arranged in GROUPS of TRADES,  
the under-mentioned Years.

*the Board of Trade on Trade Unions.]*

1893.	1894.	1895.	1896.	1897.	1898.	1899.
£	£	£	£	£	£	£
47,627	54,510	60,676	69,374	81,387	95,287	103,206
13,687	16,525	18,429	21,141	23,403	24,453	29,801
79,449	80,989	86,578	112,962	142,825	179,148	206,738
30,679	39,572	40,655	45,741	45,203	50,235	59,312
40,665	60,823	52,412	60,077	73,094	92,273	125,138
24,156	78,698	93,657	117,628	137,114	137,677	171,674
826	2,467	12,299	23,791	34,336	41,995	54,323
34,934	17,676	26,253	46,341	45,855	68,179	91,567
197,454	184,602	206,116	305,882	152,677	208,121	307,168
172,553	157,547	154,046	175,560	185,275	235,447	291,330
29,707	33,544	39,322	50,134	54,893	68,922	81,001
56,902	112,836	152,120	193,770	235,248	278,559	322,746
12,437	15,929	16,860	18,505	18,505	20,835	23,917
46,363	61,701	31,414	46,283	33,077	44,814	55,144
9,453	8,575	7,354	7,510	7,417	6,960	6,755
122,871	140,142	158,726	178,843	197,923	199,303	224,390
15,601	6,209	6,742	5,169	5,245	4,569	5,891
23,764	24,379	32,434	44,645	54,543	64,140	69,852
37,750	39,041	42,197	40,791	43,743	44,649	47,849
6,217	6,883	7,947	6,321	6,640	8,875	7,016

7190

B

## PARTICULARS OF TWENTY OF THE LARGEST

TABLE 9.—EXPENDITURE per HEAD on VARIOUS BENEFITS, and WORKING TRADES, during the Year 1899, together with the corresponding

[Compiled from the Report of the Board of

Trade Unions.	Unem- ployed, Travel- ling, and Emi- gration.	Dis- pute.	Sick and Acci- dent.
<b>Building Trades.</b>			
Operative Bricklayers' Society ... ..	£ s. d. 0 0 1½*	s. d. 3 11	s. d. 11 1½
Friendly Society of Operative Stonemasons of England, Ireland, and Wales.	0 1 2½*	2 7½	2 2
Amalgamated Society of Carpenters and Joiners	0 4 11½	5 4½	11 11½
<b>Mining.</b>			
Northumberland Miners' Mutual Confident Association.	0 1 4½	...	0 7½
Durham Miners' Association ... ..	0 2 2½	0 5½	9 3½
Yorkshire Miners' Association ... ..	...	4 7½	...
Nottinghamshire Miners' Association ... ..	...	5 4½	...
<b>Metal, Engineering, and Shipbuilding Trades.</b>			
Friendly Society of Ironfounders of England, Ireland, and Wales.	0 7 5½	1 2½	11 8
Amalgamated Society of Engineers ... ..	0 10 10	0 10	10 11½
United Society of Boilermakers and Iron and Steel Shipbuilders.	0 4 10½	0 4½	17 1½
Associated Shipwrights' Society ... ..	0 0 8½	0 0½	10 11½
<b>Textile Trades.</b>			
Amalgamated Association of Operative Cotton Spinners, Self-Actor Minders, and Twiners.	0 16 11½	1 6½	3 7½
Blackburn and District Power-loom Weavers' Association.	0 3 6½		0 0½†
<b>Clothing Trades.</b>			
National Union of Boot and Shoe Operatives ...	0 0 3½†	0 9½§	8 4
Amalgamated Society of Tailors... ..	0 0 5½	2 6½	11 2½
<b>Transport (Land and Sea).</b>			
Amalgamated Society of Railway Servants of England, Ireland, and Wales.	0 0 11½	0 6½	0 6
Dock, Wharf, Riverside, and General Labourers' Union of Great Britain and Ireland.	...	0 1½	...
<b>Printing Trades.</b>			
London Society of Compositors ... ..	1 3 1½	0 11½	0 7½
Typographical Association ... ..	0 9 7½	2 4½	...
<b>Labourers.</b>			
National Union of Gas Workers and General Labourers of Great Britain and Ireland.	...	4 8	...

\* Travelling only.

† Contributions to Medical Charities, &amp;c.

‡ Consists of Travelling Benefit and Compensation for loss of seat of work.

§ Includes Arbitration Expenses.

|| Consists of Travelling Benefit and Infectious Diseases Benefit.



TRADE UNIONS.—EXPENDITURE.

EXPENSES of Twenty of the Largest TRADE UNIONS, arranged in GROUPS of Total Expenditure per Member in the Years 1896, 1897, and 1898.  
*Trade on Trade Unions.—(Cd. 422 of 1900.)*

Super-annua- tion.	Fune- ral.	Other Bene- fits, Grants, &c.	Work- ing and other Ex- penses.	Total Expen- diture per Member in 1899.	Total Expenditure per Member in		
					1898.	1897.	1896.
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>
0 3½	2 4	0 3½	8 1½	1 6 3	1 4 3½	1 6 4½	1 6 7
5 8½	3 2	0 8½	6 7	1 2 2½	1 6 1½	1 4 7½	1 3 4
5 3½	1 10½	2 5	8 0	1 19 10	1 17 7	2 0 5½	2 1 0
...	0 3½	0 1	2 1½	0 4 6	0 7 7½	0 13 0½	0 7 10
...	1 3½	0 4½	2 4½	0 15 11½	0 19 5½	1 1 6½	1 9 0½
...	1 5½	0 7½	5 10½	0 12 7	1 3 6	0 16 1½	0 15 4½
...	...	0 4½	2 6½	0 8 3½	0 12 0½	0 7 2½	0 4 8
14 8½	3 3	0 11½	4 7½	2 3 11½	2 15 4	3 14 4½	2 10 4½
18 7½	3 3½	2 1½	6 3½	2 12 11½	4 9 0½	7 11 0	2 16 10
5 6½	2 9½	2 5½	8 8½	2 1 10½	2 4 9½	3 2 8½	2 13 2½
0 4½	1 10½	0 10½	9 4	1 4 2½	1 6 3½	1 13 6½	1 2 1
3 6½	0 9½	1 10½	7 2	1 15 6	2 5 4	2 15 5½	2 1 6
...	1 3½	3 5½	3 8½	0 12 0½	0 13 2½	0 15 9½	0 13 2½
...	0 7½	0 7½	1 5½	0 12 1½	0 10 11½	1 2 0½	0 11 2½
6 2½	4 1½	0 2½	9 1½	1 13 10½	1 14 3	1 11 5½	1 11 1½
0 9½	0 6	2 4½**	8 10½††	0 14 6½	1 4 8½	0 12 4	0 13 10½
...	0 6½	0 7½	8 0	0 9 3½	0 11 3½	0 10 11½	0 14 8½
5 10	3 10	2 3½	7 6	2 4 2	1 19 0½	1 17 0	1 17 6
6 5½	1 11½	0 2½	4 2½	1 4 9½	1 5 5½	1 4 1½	1 7 3
...	...	0 10	3 9½	0 9 3½	0 6 8	0 8 0½	0 6 11½

\*\* Weekly payments to families of deceased members account for 2s. 4d. out of this amount.  
†† Expenses of "Railway Review" account for 2s. 1d. out of this amount.  
7190 B 2

## FEDERATIONS OF TRADE UNIONS, 1895-99.

TABLE 10.—NUMBER of FEDERATIONS of TRADE UNIONS in the United Kingdom (so far as known) grouped according to INDUSTRIES; together with the NUMBER of TRADE UNIONISTS represented on such FEDERATIONS in each of the under-mentioned Years.

[NOTE.—For detailed particulars of each Federation, see the Report of the Board of Trade on Trade Unions (Cd. 422 of 1900), from which this Table is compiled.]

Description of Federation.	Number of Federations in					Number of Trade Unionists represented on such Federations in				
	1895.	1896.	1897.	1898.	1899.	1895.	1896.	1897.	1898.	1899.
<b>General Federation.</b>										
General Federation of Trade Unions.	..	..	..	..	1	..	..	..	..	373,290
<b>Building Trades.</b>										
Local .. .. .	37	35	36	33	34	79,024	68,754	84,200	84,540	101,460
Sectional .. .. .	3	2	1	1	1	15,910	7,894	7,749	10,072	9,184
<b>Mining.</b>										
Miners' Federation of Great Britain.	1	1	1	1	1	181,971	155,438	148,562	159,300	238,300
Lancashire and Cheshire Miners' Federation.	1	1	..	..	..	27,000	25,487	..	..	..
Scottish Miners' Federation..	1	1	1	1	1	20,920	17,950	15,700	20,860	32,350
Miners' National Union ..	1	1	1	..	..	84,522	84,894	79,000	..	..
Durham Mining Federation Association.	1	1	1	1	1	65,268	66,223	66,868	67,363	72,594
Others .. .. .	9	8	8	6	7	57,649	51,927	51,052	53,044	70,241
<b>Metal, Engineering, &amp;c., Trades.</b>										
Federation of Engineering and Shipbuilding Trades of the United Kingdom.	1	1	1	1	1	159,193	173,451	178,479	196,942	206,318
Others .. .. .	14	15	15	16	15	31,906	34,308	33,937	38,664	36,203
<b>Textile Trades.</b>										
United Textile Factory Workers.	1	..	..	..	1	131,594	..	..	..	126,810
Federation of the Amalgamated Associations of Weavers, &c., &c., of the Northern Counties.	..	..	1	1	..	..	..	91,650	96,400	..
Northern Counties Amalgamated Association of Weavers.	1	1	1	1	1	83,195	81,700	80,880	74,420	81,500
Others .. .. .	15	16	16	15	12	77,849	89,508	78,930	83,766	55,116

FEDERATIONS OF TRADE UNIONS, 1895-99—*continued*.TABLE 10.—NUMBER of FEDERATIONS of TRADE UNIONS in the UNITED KINGDOM (so far as known), grouped according to INDUSTRIES; together with the NUMBER of MEMBERS of TRADE UNIONS represented on such FEDERATIONS in each of the under-mentioned Years—*continued*.

Description of Federation.	Number of Federations in					Number of Trade Unionists represented on such Federations in				
	1895.	1896.	1897.	1898.	1899.	1895.	1896.	1897.	1898.	1899.
Transport (Land and Sea) ..	2	3	6	6	6	23,716	57,820	72,624	42,914	25,937
Printing and Allied Trades.										
United Kingdom Federation	1	1	1	1	1	25,339	26,363	27,900	24,822	29,782
Others .. .. .	4	7	7	8	9	4,481	6,232	6,418	20,353	25,861
Woodworking and Furnishing Trades.	9	12	10	9	8	12,882	16,833	16,579	12,072	11,748
Enginemakers and Firemen ..	4	4	5	4	5	10,085	10,062	10,925	6,766	7,032
Other Trades .. .. .	5	6	6	7	7	10,969	15,282	20,447	16,063	15,054

## FEDERATIONS OF TRADES COUNCILS, 1895-99

TABLE 11.—NUMBER of FEDERATIONS of TRADES COUNCILS in the UNITED KINGDOM (so far as known), and the NUMBER of TRADE UNIONISTS represented on such FEDERATIONS in each of the under-mentioned Years.

[See Note to Table 10 on p. 20.]

Locality.	Number of separate Federations in					Number of Trade Unionists represented on such Federations at end of				
	1895.	1896.	1897.	1898.	1899.	1895.	1896.	1897.	1898.	1899.
North Eastern Counties ..	..	1	1	1	1	..	40,000	32,000	24,000	28,000
Yorkshire .. .. .	1	1	1	1	1	52,955	53,355	54,000	50,000	61,000
Lancashire .. .. .	..	..	..	1	1	..	..	..	120,000	114,000
Cheshire .. .. .	..	..	1	1	1	..	..	18,129	15,000	14,078
Midlands .. .. .	1	1	1	1	1	81,137	62,510	75,000	130,000	75,040
West of England and South Wales.	..	1	1	1	1	..	35,073	39,000	30,900	46,000

## TRADES COUNCILS, 1894-99.

TABLE 12.—NUMBER OF TRADES COUNCILS in the UNITED KINGDOM in each of the under-mentioned Years, arranged according to CENSUS DISTRICTS, together with the NUMBER of TRADE UNIONISTS represented thereon.

[Compiled from the Report of the Board of Trade on Trade Unions. Cd. 422 of 1900.]

DISTRICTS.	1894.	1895.	1896.	1897.	1898.	1899.
Number of Trades Councils.						
ENGLAND AND WALES.						
Northern Counties.. ..	12	11	12	13	11	11
Yorkshire .. ..	22	22	22	23	22	22
Lancashire and Cheshire .. ..	38	38	38	38	38	37
North and West Midland .. ..	26	28	26	26	29	28
South Midland and Eastern .. ..	9	9	8	8	10	9
London .. ..	3	3	3	4	3	6
South Eastern .. ..	12	12	12	11	11	12
Southern and Western .. ..	3	3	3	4	4	4
Wales and Monmouthshire .. ..	6	7	7	6	6	6
Total, England and Wales .. ..	131	133	131	133	134	135
SCOTLAND .. ..	15	15	15	17	16	15
IRELAND .. ..	4	6	6	6	5	3
ISLE OF MAN .. ..	1	1	1	1	1	1
Total United Kingdom .. ..	151	155	153	157	156	154
Number of Trade Unionists represented on such Trades Councils.						
ENGLAND AND WALES.						
Northern Counties.. ..	45,005	37,741	46,547	37,310	26,809	28,584
Yorkshire .. ..	77,339	86,104	83,888	96,637	90,357	90,441
Lancashire and Cheshire .. ..	230,618	214,822	220,311	209,115	201,702	192,657
North and West Midland .. ..	102,820	118,254	114,916	114,983	127,622	118,827
South Midland and Eastern .. ..	26,495	24,261	21,462	19,888	21,480	23,231
London .. ..	68,432	62,166	55,311	57,568	56,833	63,055
South Eastern .. ..	10,448	10,594	12,113	12,299	11,584	10,760
Southern and Western .. ..	4,904	4,891	4,826	4,824	5,130	4,992
Wales and Monmouthshire .. ..	16,176	15,422	16,944	16,705	18,665	19,816
Total, England and Wales .. ..	582,237	574,255	576,318	569,329	559,962	552,363
SCOTLAND .. ..	33,037	35,334	34,420	102,297	107,872	97,745
IRELAND .. ..	38,074	35,060	32,118	33,174	35,392	36,600
ISLE OF MAN .. ..	310	291	265	300	230	300
Total, United Kingdom .. ..	701,658	694,940	703,121	705,100	703,596	687,008

## TRADE UNION CONGRESSES.

TABLE 13.—NUMBER of DELEGATES, NUMBER and MEMBERSHIP of ORGANISATIONS represented, and the INCOME of the ANNUAL CONGRESSES.

[Compiled from Official Reports issued by the Parliamentary Committee, except for the years 1868–72, the figures for which were extracted from newspaper reports.]

Year.	Town.	Number of Delegates present.	Number of Organisations represented.		Number of Members in Organisations represented.		Income of the Congress and Parliamentary Committee.
			Trade Unions.	Trades Councils.	Trade Unions.	Trades Councils.	
1866*	Sheffield ..	143	81	13	110,436	88,988	£ 50
1867†	London ..	138	104	11	154,816	57,584	27
1868	Manchester ..	34	18	11	49,823	64,336	..
1869	Birmingham ..	38	25	12	Not known.		13
1871‡	London ..	53	34	11	280,430		26
1872	Nottingham ..	71	44	8	289,710		39
1873	Leeds ..	130	88	20	508,606	225,580	359
1874	Sheffield ..	165	102	21	982,039	235,174	438
1875§	Liverpool ..	152	83	24	593,618	100,874	430
1875§	Glasgow ..	139	87	22	413,881	116,842	474
1876	Newcastle ..	140	91	23	455,490	121,998	580
1877	Leicester ..	140	93	19	565,272	129,959	639
1878	Bristol ..	136	92	23	485,811	136,056	696
1879	Edinburgh ..	116	73	19	412,245	109,757	687
1880	Dublin ..	122	89	16	380,913	94,511	737
1881	London ..	154	104	18	378,883	81,914	711
1882	Manchester ..	153	103	23	404,365	102,972	789
1883	Nottingham ..	173	114	21	466,925	94,166	854
1884	Aberdeen ..	142	95	21	488,062	109,884	887
1885	Southport ..	162	110	27	500,338	131,368	849
1886	Hull ..	143	96	23	515,173	122,707	771
1887	Swansea ..	156	104	27	561,159	134,885	704
1888	Bradford ..	163	109	29	567,572	158,630	825
1889	Dundee ..	209	145	26	687,035	176,420	908
1890	Liverpool ..	454	268	37	1,592,860	333,548	1,199
1891	Newcastle ..	548	374	36	1,093,892	259,620	1,640
1892	Glasgow ..	456	251	37	1,155,448	496,175	1,308
1893	Belfast ..	376	198	28	720,873	149,877	1,307
1894	Norwich ..	372	165	27	1,014,607	65,938	1,444
1895	Cardiff ..	331	154	1	980,931	1	1,474
1896	Edinburgh ..	350	145	1	1,028,104	1	1,572
1897	Birmingham ..	381	149	1	1,093,191	1	1,497
1898	Bristol ..	406	159	1	1,176,896	1	1,929
1899	Plymouth ..	385	147	1	1,120,164	1	2,061
1900	Huddersfield ..	386	140	1	1,225,133	1	1,571

\* This Conference was called, primarily, to consider the question of lock-outs and the action of Trade Unions with regard thereto. Out of this Conference sprang the Alliance of Organised Trades.

† This Conference was called, primarily, to consider what action should be taken with respect to the proposed Royal Commission of Inquiry into Trade Unions.

‡ No Congress was held in 1870.

§ In 1875 two Congresses were held—in January and October.

|| Trades Councils were not represented at the 1895 and following Congresses.

ASSOCIATIONS OF EMPLOYERS IN THE UNITED KINGDOM.

TABLE 14.—NUMBER of ASSOCIATIONS of EMPLOYERS\* in the UNITED KINGDOM, in existence at the end of 1900, so far as known to the Department, CLASSIFIED according to TRADES, and distinguishing Federations and National Associations from Local Associations.

Trades.	Federation and National Associations.	Local Associations.			Total.
		England and Wales†	Scotland.	Ireland.	
<b>Building Trades.</b>					
Master builders .. .. .	8	183	34	5	230
" bricklayers .. .. .	..	2	..	..	2
" masons .. .. .	..	5	8	..	13
" carpenters and joiners ..	..	6	8	..	14
" slaters .. .. .	1	8	3	..	12
" plumbers .. .. .	1	48	8	3	60
" plasterers .. .. .	1	17	7	..	25
" painters .. .. .	3	56	10	3	71
Total ..	14	324	78	11	427
<b>Mining and Quarrying.</b>					
Coal mining .. .. .	1	18	6	..	25
Ironstone mining .. .. .	..	1	..	..	1
Quarrying .. .. .	1	4	2	..	7
Total ..	2	23	8	..	33
<b>Metal, Engineering, and Shipbuilding Trades.</b>					
Iron and steel trades .. ..	2	8	1	..	11
Engineering and shipbuilding ..	4	44	14	1	63
Miscellaneous metal trades and metal working.	..	30	1	..	31
Total ..	6	82	16	1	105
<b>Textile Trades.</b>					
Cotton trades .. .. .	2	26	..	..	28
Woolen and worsted trades ..	..	2	..	..	2
Other textile trades .. .. .	1	7	2	1	11
Bleaching, dyeing and finishing ..	1	2	1	..	4
Total ..	4	37	3	1	45
<b>Clothing Trades.</b>					
Boot and shoe manufacture ..	1	17	5	1	24
Tailoring .. .. .	1	28	6	4	39
Other clothing trades .. .. .	1	7	..	1	9
Total ..	3	52	11	6	72
<b>Miscellaneous Trades.</b>					
Cab. cart, and car owners .. ..	..	3	3	..	6
Ship, barge, fishing vessels, &c., owners.	1	8	1	..	10
Agriculture .. .. .	..	1	..	..	1
Printing and kindred trades ..	2	28	3	1	34
Wood-working and furnishing trades.	3	16	8	..	27
Glass, pottery and brick trades ..	..	18	1	1	20
Grain millers .. .. .	..	3	..	1	4
Bakers and confectioners .. ..	5	24	15	2	46
Other miscellaneous trades .. ..	1	13	5	1	20
Total ..	12	114	36	6	168
Parliamentary and other associations.	2	1	..	..	3
Grand Total* ..	43	633	152	25	853

\* Associations purely for the purposes of trade protection, insurance, and the diffusion of information, or the advancement of technical knowledge, are, so far as possible, excluded.  
† Including four Associations in the Isle of Man.

# WORKMEN'S CO-OPERATIVE SOCIETIES.

## GENERAL SUMMARY.

TABLE 15.—NUMBER of WORKMEN'S CO-OPERATIVE DISTRIBUTIVE and PRODUCTIVE SOCIETIES of the United Kingdom, together with their TOTAL MEMBERSHIP, CAPITAL, and SALES and the PERCENTAGE of their MEMBERSHIP to the TOTAL POPULATION.

Year.	No. of Societies.		Members.		Capital.		Amount of Sales.*
	In existence.	Making Returns.	Number in Societies making Returns.	Percentage to Population of United Kingdom.	Share.	Loan.	
1883	1,326	1,063	647,176	1·8	£ 6,900,483	£ 1,405,500	£ 25,986,547
1884	1,368	1,167	717,301	2·0	7,357,787	1,650,312	27,011,064
1885	1,369	1,189	768,401	2·1	8,241,348	1,715,341	27,463,466
1886	1,392	1,196	796,951	2·2	8,717,803	1,902,472	28,820,933
1887	1,415	1,306	851,157	2·3	9,398,450	1,900,645	30,244,566
1888	1,447	1,303	891,077	2·4	9,757,269	2,119,633	33,632,282
1889	1,499	1,370	937,763	2·6	10,428,814	2,265,788	36,914,730
1890	1,538	1,330	985,096	2·6	11,343,064	2,610,542	38,656,495
1891	1,609	1,408	1,009,480	2·8	12,432,003	2,859,534	44,460,736
1892	1,641	1,541	1,153,916	3·0	13,468,416	3,153,518	47,163,066
1893	1,642	1,563	1,198,499	3·1	13,879,571	3,308,493	46,651,623
1894	1,660	1,588	1,245,066	3·2	14,815,675	3,432,118	46,946,553
1895	1,697	1,606	1,311,143	3·4	15,075,586	4,030,394	49,926,781
1896	1,731	1,664	1,399,891	3·5	17,042,725	4,095,632	54,431,922
1897	1,820	1,706	1,511,433	3·8	18,095,488	4,768,742	59,660,836
1898	1,893	1,767	1,583,600	4·0	19,273,142	4,981,724	63,409,972
1899	1,946	1,802	1,677,018	4·1	20,891,745	5,470,381	67,914,520

\* The totals given in this column only include actual sales, and are exclusive of the sums (amounting to 7,464,569/ in 1899) representing the value of the goods produced by the productive departments of the wholesale and retail societies and transferred to their distributive departments.

## ASSOCIATIONS FOR RETAIL DISTRIBUTION.—

TABLE 16.—MEMBERSHIP, CAPITAL, SALES, and other particulars relating to  
UNITED

Year.	No. of Societies making Returns.	No. of Members in Societies making Returns.	Capital.*	
			Share.	Loan.
ENGLAND AND WALES.				
1883	804	543,910	£ 5,878,950	£ 548,302
1884	869	603,523	6,067,165	630,622
1885	883	644,140	6,857,478	600,220
1886	870	663,609	7,185,139	668,600
1887	874	711,835	7,767,040	635,917
1888	917	741,826	8,025,900	730,592
1889	1,008	795,987	8,525,275	680,525
1890	954	818,592	9,223,662	743,317
1891	1,017	885,745	10,057,537	763,813
1892	1,126	957,935	10,795,528	847,505
1893	1,127	990,813	11,031,664	861,737
1894	1,124	1,026,169	11,563,016	779,956
1895	1,116	1,074,534	12,318,565	1,015,012
1896	1,127	1,140,530	13,324,662	902,829
1897	1,129	1,215,299	14,189,530	1,115,209
1898	1,124	1,273,872	15,137,497	1,247,129
1899	1,134	1,337,669	16,411,262	1,458,296
SCOTLAND.				
1883	240	83,066	£ 517,761	£ 188,203
1884	252	92,093	583,105	209,849
1885	257	101,948	649,018	233,034
1886	269	110,022	728,717	287,465
1887	272	115,651	791,626	272,787
1888	277	124,270	877,037	300,607
1889	279	134,733	992,213	325,962
1890	275	141,758	1,083,448	389,006
1891	281	157,889	1,251,402	430,722
1892	284	167,757	1,408,955	479,696
1893	283	176,333	1,492,407	526,412
1894	284	184,448	1,613,992	569,228
1895	288	198,682	1,798,397	639,076
1896	287	213,491	2,054,495	612,403
1897	299	247,559	2,121,403	918,778
1898	296	258,960	2,280,361	1,004,114
1899	295	272,651	2,514,008	1,058,395

NOTE.—The figures for 1883–96 have been compiled from an analysis of the Co-operative Union, but those for 1897 to 1899 are based upon returns made

\* Exclusive of Reserve and Insurance Funds.



## MEMBERSHIP, CAPITAL, SALES, &amp;C.

WORKMEN'S CO-OPERATIVE ASSOCIATIONS for RETAIL DISTRIBUTION in the KINGDOM.

Amount of Sales.	Trade Expenses, including Interest on Capital.		Amount devoted to Education.	Total Amount of Capital invested otherwise than in Trade.	Year.
	Amount.	Percentage on Sales.			
ENGLAND AND WALES.					
£	£		£	£	
15,637,038	1,129,440	7.2	14,810	3,633,412	1883
16,509,053	1,161,210	7.0	17,952	3,848,859	1884
16,576,879	1,241,636	7.5	19,172	4,352,686	1885
16,910,897	1,073,278	6.3	18,324	3,337,383	1886
17,706,597	1,153,969	6.5	19,450	3,593,807	1887
19,233,187	1,207,392	6.3	22,098	3,794,831	1888
21,327,972	1,293,743	6.1	23,225	4,179,813	1889
22,032,827	1,365,606	6.2	24,660	4,410,808	1890
25,059,107	1,553,290	6.2	27,118	4,902,102	1891
26,422,777	1,698,545	6.4	28,661	5,255,757	1892
25,974,276	1,763,840	6.8	28,802	5,226,439	1893
26,204,824	1,863,425	7.1	32,209	5,239,132	1894
27,315,591	1,996,619	7.3	35,974	5,780,911	1895
29,469,048	2,171,267	7.4	39,783	5,767,175	1896
31,797,430	2,805,956	8.8	44,067	6,324,283	1897
33,581,525	3,015,459	9.0	44,992	6,736,925	1898
35,414,557	3,224,112	9.1	48,525	8,023,217	1899
SCOTLAND.					
£	£		£	£	
2,879,465	157,814	5.5	874	336,427	1883
3,036,958	180,287	5.9	1,059	373,906	1884
3,270,710	196,019	6.0	1,332	516,553	1885
3,464,373	196,465	5.7	1,414	324,036	1886
3,628,385	198,850	5.5	1,644	298,692	1887
4,719,746	214,778	4.6	1,847	299,077	1888
4,523,820	235,241	5.2	2,067	331,921	1889
4,815,910	252,748	5.2	2,633	458,840	1890
5,508,962	286,736	5.2	2,865	531,417	1891
5,886,421	317,782	5.4	3,629	666,112	1892
5,913,984	346,774	5.9	3,439	695,527	1893
5,992,395	371,625	6.2	4,018	822,269	1894
6,532,656	408,652	6.3	5,020	991,550	1895
7,152,932	454,909	6.4	5,901	1,372,603	1896
8,277,530	631,361	7.6	7,327	1,543,841	1897
8,939,733	723,487	8.1	7,364	1,491,737	1898
9,570,933	785,579	8.2	7,633	1,826,923	1899

Annual Reports of the Chief Registrar of Friendly Societies made by the direct to the Co-operative Union and upon the Balance Sheets of Societies.

## ASSOCIATIONS FOR RETAIL DISTRIBUTION.—MEMBERSHIP,

TABLE 16.—MEMBERSHIP, CAPITAL, SALES, and other particulars relating in the UNITED

Year.	No of Societies making Returns.	No. of Members in Societies making Returns.	Capital.*	
			Share.	Loan.
IRELAND.				
1883	7	649	£ 2,033	£ 100
1884	7	666	2,120	100
1885	8	684	2,404	162
1886	9	777	2,794	228
1887	7	587	2,432	294
1888	10	1,127	3,725	624
1889	10	1,280	3,620	100
1890	11	1,266	3,633	262
1891	9	1,041	3,867	218
1892	10	1,188	4,194	243
1893	11	1,948	5,288	727
1894	13	2,328	6,860	968
1895	19	2,439	7,142	642
1896	48	5,844	9,342	2,066
1897	55	5,824	10,018	6,964
1898	93	11,893	12,211	9,205
1899	102	12,791	12,325	14,243
UNITED KINGDOM.				
1883	1,051	627,625	£ 6,398,744	£ 736,605
1884	1,128	696,282	6,652,390	840,571
1885	1,148	746,772	7,508,900	833,416
1886	1,148	774,408	7,916,650	956,293
1887	1,153	828,073	8,561,098	908,998
1888	1,204	867,223	8,906,662	1,031,823
1889	1,297	932,000	9,521,108	1,006,587
1890	1,240	961,616	10,310,743	1,132,585
1891	1,307	1,044,675	11,312,806	1,194,753
1892	1,420	1,126,880	12,208,677	1,327,444
1893	1,421	1,169,094	12,529,359	1,388,376
1894	1,421	1,212,945	13,183,868	1,350,152
1895	1,423	1,275,655	14,124,104	1,654,731
1896	1,462	1,359,865	15,388,499	1,517,298
1897	1,483	1,468,682	16,320,951	2,040,951
1898	1,513	1,544,725	17,430,069	2,260,448
1899	1,531	1,623,111	18,937,595	2,530,934

NOTE.—The figures for Ireland for the years 1883 to 1891 have been compiled made to the Chief Registrar of Friendly Societies, the Irish Agricultural ment. Since 1894 in addition to Retail Stores, Agricultural, Poultry, and

\* Exclusive of Reserve and Insurance Funds.

CAPITAL, SALES, &C.—*continued.*to WORKMEN'S CO-OPERATIVE ASSOCIATIONS for RETAIL DISTRIBUTION  
KINGDOM—*continued.*

Amount of Sales.	Trade Expenses, including Interest on Capital.		Amount devoted to Education.	Total Amount of Capital invested otherwise than in Trade.	Year.
	Amount.	Percentage on Sales.			
IRELAND.					
£	£		£	£	
23,501	1,888	5·9	—	52	1883
23,929	2,385	10·0	—	57	1884
24,754	1,596	6·4	—	426	1885
31,163	1,811	5·8	—	123	1886
23,225	1,442	6·2	—	100	1887
34,273	2,286	6·7	7	122	1888
35,448	2,491	7·0	—	207	1889
38,901	2,014	5·2	—	172	1890
31,332	1,892	6·0	—	150	1891
35,336	2,173	6·1	—	1,442	1892
37,636	2,266	6·0	—	3,315	1893
45,175	2,776	6·1	—	1,397	1894
57,715	3,591	6·2	—	1,412	1895
93,211	6,269	6·7	—	499	1896
100,814	5,091	5·0	3	470	1897
123,446	9,282	7·5	28	1,817	1898
131,307	9,407	7·2	27	1,088	1899
UNITED KINGDOM.					
£	£		£	£	
18,540,004	1,288,642	7·0	15,684	3,969,891	1883
19,569,940	1,343,882	6·9	19,011	4,222,822	1884
19,872,343	1,439,251	7·2	20,504	4,869,665	1885
20,406,433	1,271,554	6·2	19,738	3,661,542	1886
21,358,207	1,354,261	6·3	21,094	3,892,599	1887
23,987,206	1,424,456	5·9	23,952	4,094,030	1888
25,887,240	1,531,475	5·9	25,292	4,561,941	1889
26,887,638	1,620,368	6·0	27,293	4,869,820	1890
30,599,401	1,841,918	6·0	29,983	5,433,669	1891
32,344,534	2,018,500	6·2	32,290	5,923,311	1892
31,925,896	2,112,880	6·6	32,241	5,925,281	1893
32,242,394	2,237,826	6·9	36,227	6,062,798	1894
33,905,962	2,408,862	7·1	40,994	6,773,873	1895
36,715,191	2,632,445	7·2	45,684	7,140,277	1896
40,175,774	3,442,408	8·6	51,397	7,868,594	1897
42,644,704	3,748,228	8·8	52,384	8,230,479	1898
45,116,797	4,019,098	8·9	56,185	9,851,228	1899

from Reports of the Co-operative Union; since the latter date from returns Organisation Society, and from information supplied direct to the Department Home Industries Societies, which did not previously exist, are included.

## ASSOCIATIONS FOR RETAIL DISTRIBUTION.—DIVIDENDS.

TABLE 17.—MEAN RATES OF DIVIDENDS UPON PURCHASES paid to MEMBERS by ASSOCIATIONS for DISTRIBUTION in the UNITED KINGDOM (excluding the WHOLESALE SOCIETIES) for the YEARS 1896, 1897, 1898 and 1899.

[Compiled from the Balance Sheets of the Societies.]

	1896.	1897.	1898.	1899.
Number of societies making returns	757	892	985	1,116
Membership ... ..	1,058,704	1,189,773	1,344,421	1,476,750
Average rate of dividend received by members per £ of purchases.	<i>s. d.</i> 2 8½	<i>s. d.</i> 2 7½	<i>s. d.</i> 2 7½	<i>s. d.</i> 2 7½
Number of members in societies paying no dividend.	1,300	2,595	7,657	8,022
Number of members in societies paying a dividend per £ falling within the following limits* :—				
6 <i>d.</i> and under ... ..	1,353	4,352	6,812	6,154
Over 6 <i>d.</i> and up to 1 <i>s.</i> ... ..	9,979	12,822	17,460	15,181
" 1 <i>s.</i> " 1 <i>s.</i> 6 <i>d.</i> ... ..	29,871	40,894	43,970	54,955
" 1 <i>s.</i> 6 <i>d.</i> " 2 <i>s.</i> ... ..	119,021	177,881	216,880	232,400
" 2 <i>s.</i> " 2 <i>s.</i> 6 <i>d.</i> ... ..	174,776	198,520	235,110	248,167
" 2 <i>s.</i> 6 <i>d.</i> " 3 <i>s.</i> ... ..	402,179	444,867	515,841	562,467
" 3 <i>s.</i> " 3 <i>s.</i> 6 <i>d.</i> ... ..	216,447	198,155	176,079	202,470
" 3 <i>s.</i> 6 <i>d.</i> " 4 <i>s.</i> ... ..	92,544	96,819	113,289	131,030
" 4 <i>s.</i> ... ..	11,234	12,868	11,323	15,904
Percentage of members in societies paying no dividend.	Per-centage. 0·1	Per-centage. 0·2	Per-centage. 0·6	Per-centage. 0·6
Percentage of members in societies paying a dividend per £ falling within the following limits* :—				
6 <i>d.</i> and under ... ..	0·1	0·4	0·5	0·4
Over 6 <i>d.</i> and up to 1 <i>s.</i> ... ..	1·0	1·1	1·3	1·0
" 1 <i>s.</i> " 1 <i>s.</i> 6 <i>d.</i> ... ..	2·8	3·4	3·2	3·7
" 1 <i>s.</i> 6 <i>d.</i> " 2 <i>s.</i> ... ..	11·2	14·9	16·2	15·7
" 2 <i>s.</i> " 2 <i>s.</i> 6 <i>d.</i> ... ..	16·5	16·7	17·5	16·8
" 2 <i>s.</i> 6 <i>d.</i> " 3 <i>s.</i> ... ..	38·0	37·4	38·4	38·1
" 3 <i>s.</i> " 3 <i>s.</i> 6 <i>d.</i> ... ..	20·5	16·7	13·1	13·7
" 3 <i>s.</i> 6 <i>d.</i> " 4 <i>s.</i> ... ..	8·7	8·1	8·4	8·9
" 4 <i>s.</i> ... ..	1·1	1·1	0·8	1·1
	100·0	100·0	100·0	100·0

NOTE.—The yearly figures are obtained by taking the mean of those returned for each quarter of the year.

\* The rates of dividend taken are those paid upon the main volume of trade. In a few cases higher or lower dividends were paid upon purchases from minor departments such as butchery, drapery, &c. With few exceptions, the societies paid a dividend to non-members at one-half the rates paid to members.

## CO-OPERATIVE PRODUCTION.—GENERAL SUMMARY.

TABLE 18.—NUMBER of PERSONS EMPLOYED by and TOTAL VALUE of PRODUCTIONS of WORKMEN'S CO-OPERATIVE SOCIETIES in the UNITED KINGDOM making RETURNS in 1898 and 1899.

[Compiled from the published Accounts of the Societies, and from special information furnished by them.]

## I.—Grouped according to Class of Society.

Classes of Societies.	No. of Societies to which the Returns relate.		No. of Persons employed in Production at end of		Value of Goods sold by Productive Societies or transferred from Productive to Distributive Departments.	
	1898.	1899.	1898.	1899.	1898.	1899.
Societies for retail distribution ..	613	616	12,008	13,810	£ 3,633,529	£ 3,906,385
Societies for wholesale distribution..	2	2	9,737	11,606	3,191,896	3,556,184
Total: Societies established primarily for distribution.	615	618	21,745	25,416	6,875,425	7,464,569
Societies for corn milling .. ..	8	8	391	378	1,406,646	1,184,885
Societies for other forms of production	242	260	7,968	8,801	1,916,527	2,190,368
Total: Societies established primarily for production.	250	267	8,359	9,177	3,325,173	3,375,253
TOTAL: ALL SOCIETIES .. ..	865	885	30,104	34,593	10,200,598	10,839,822

## II.—Grouped according to Age, Sex and Industry.

Industries carried on.	No of Societies to which the Particulars relate.	Number of Persons employed in Production at end of 1899.			
		Men.	Women	Young Persons under 18 Years.	Total
Building .. ..	62	1,910	1	121	2,032
Mining and quarrying .. ..	3	350	..	10	360
Metal, engineering and shipbuilding ..	29	678	96	163	937
Textiles .. ..	28	889	1,236	439	2,624
Clothing—					
Boots and shoes .. ..	373	5,587	1,479	1,428	8,494
Tailoring, mantle and shirt making ..	286	2,615	1,440	883	5,938
Dressmaking and millinery .. ..	238	8	1,870	988	2,866
Farming, dairying and fishing .. ..	175	1,074	282	107	1,443
Printing and allied trades .. ..	17	661	287	323	1,271
Woodworking and furnishing .. ..	25	767	64	158	959
Soap and candle making .. ..	2	190	36	140	366
Food preparation—					
Bread making and confectionery .. ..	486	3,363	518	635	4,501
Corn milling .. ..	24	801	30	20	851
Other foods .. ..	33	401	741	275	1,417
Leather .. ..	4	33	1	1	55
Bass dressing, brush and mat making ..	7	80	32	15	127
Other industries .. ..	3	60	18	18	96
TOTALS .. ..	885*	19,457	9,166	5,764	34,327
Percentage of Total.. ..	..	56.7	26.7	16.6	100.0

\* Some societies carry on two or more industries, and are entered under several heads, consequently this column does not add up.

† These employees were not classified according to age or sex.

## PRODUCTION CARRIED ON BY SOCIETIES

TABLE 19.—NUMBER of SOCIETIES established primarily for RETAIL DISTRIBUTION employed in PRODUCTION on December 31st. the TOTAL VALUE of the PRODUCTIONS AMOUNT paid in WAGES for PRODUCTION

[Based on special returns made to the

Trades.	1898.				1899.			
	No. of Societies making returns.	No. of Persons employed in Production.	Total Amount paid in Wages.	Total estimated Value of Productions.	No. of Societies making returns.	No. of Persons employed in Production.	Total Amount paid in Wages.	Total estimated Value of Productions.
ENGLAND AND WALES.								
Building.. ..	29	731	£ 51,572	£ 98,221	39	1,075	£ 66,687	£ 138,017
Metal .. ..	6	24	1,292	2,536	7	27	1,531	3,479
Textile .. ..	9	274	8,486	49,653	10	313	11,131	64,267
Clothing :—								
Boots and shoes ..	267	2,086	108,372	266,487	270	2,223	126,041	300,765
Tailoring .. ..	146	1,693	94,224	221,970	156	2,006	112,589	269,593
Dressmaking and millinery.	178	1,496	33,697	108,320	179	1,737	37,004	123,222
Shirtmaking ..	7	18	421	1,618	7	33	469	2,170
Farming .. ..	36	187	8,203	43,680	38	195	8,995	46,491
Woodworking and furnishing.	10	117	6,907	11,483	16	188	11,639	22,106
Food preparation :—								
Corn milling ..	14	171	13,735	597,580	14	163	17,464	572,486
Bread making and confectionery.	293	1,501	92,047	1,106,041	306	1,662	104,357	1,109,002
Other foods ..	18	90	4,515	43,838	19	112	4,903	43,694
Brush and mat making.	2	19	1,318	6,694	2	20	1,329	7,143
TOTAL, ALL TRADES	460*	8,499	423,789	2,553,321	459*	9,773	504,089	2,732,227
SCOTLAND.								
Building .. ..	12	106	£ 4,454	£ 11,853	12	128	£ 9,470	£ 20,129
Metal .. ..	..	..	..	..	2	8	588	476
Clothing :—								
Boots and shoes ..	77	426	23,473	47,927	77	414	23,355	47,138
Tailoring .. ..	62	901	46,648	106,780	64	997	52,856	110,819
Dressmaking and millinery.	63	907	20,018	58,536	68	1,111	23,577	60,098
Shirtmaking ..	1	2	22	32	2	5	36	68
Farming .. ..	2	43	1,737	9,429	2	38	1,682	9,389
Woodworking and furnishing.	..	..	..	..	1	2	130	1,192
Food preparation :—								
Bread making and confectionery.	135	1,184	78,741	372,860	141	1,302	89,319	397,029
Other foods ..	4	30	1,795	23,002	7	32	2,068	27,620
TOTAL, ALL TRADES	153*	3,599	176,688	1,130,203	157*	4,037	202,701	1,174,158

\* Some societies carry on two or more trades, and are entered under several heads, consequently

## FOR RETAIL DISTRIBUTION.

which were returned as also engaged in PRODUCTION, with the NUMBER of PERSONS transferred to the DISTRIBUTIVE DEPARTMENTS of these SOCIETIES, and the TOTAL in each of the Years 1898 and 1899.

*Department by the Societies.]*

Trades.	1898.				1899.			
	No. of Societies making returns.	No. of Persons employed in Production.	Total Amount paid in Wages.	Total estimated Value of Productions.	No. of Societies making returns.	No. of Persons employed in Production.	Total Amount paid in Wages.	Total estimated Value of Productions.
GREAT BRITAIN.								
Building.. ..	41	837	£ 56,026	£ 110,074	51	1,203	£ 76,157	£ 158,146
Metal .. ..	6	24	1,292	2,536	9	35	1,919	3,955
Textile .. ..	9	274	8,486	49,663	10	313	11,131	64,267
Clothing:—								
Boots and shoes ..	344	2,512	131,845	314,414	347	2,637	149,306	347,903
Tailoring .. ..	206	2,594	140,872	328,750	222	3,002	165,395	410,212
Dressmaking and millinery.	231	2,405	52,715	161,646	237	2,946	60,381	183,330
Shirtmaking ..	8	20	443	1,650	9	36	505	2,238
Farming .. ..	38	230	9,940	53,309	40	233	10,677	55,880
Woodworking and furnishing.	10	117	6,907	11,483	17	190	11,769	23,300
Food preparation:—								
Corn milling ..	14	171	13,735	597,560	14	163	17,464	572,486
Bread making and confectionery.	428	2,685	170,788	1,978,900	447	2,984	193,676	2,006,081
Other foods .. ..	22	120	6,310	66,840	26	144	6,991	71,514
Brush and mat making.	2	19	1,318	6,694	2	20	1,329	7,149
TOTAL, ALL TRADES	613*	12,003	669,677	3,623,529	616*	13,810	706,799	3,906,285

this column does not add up.

7190

C

## ASSOCIATIONS FOR PRODUCTION.—MEMBERSHIP,

TABLE 30.—MEMBERSHIP, CAPITAL, SALES, and the DIVISION of a certain PRODUCTION (exclusive of Corn Mills, for

[Compiled from the Returns made to the Co-operative

Year.	No. of Societies making Returns.	No. of Members in Societies making Returns.	Capital.			Amount of Sales.
			Share.	Loan.	Reserve and Insurance Funds.	
			£	£	£	£
1883	18	2,800	82,163	42,143	5,182	188,582
1884	24	3,016	88,193	48,319	6,417	216,828
1885	26	3,587	76,888	57,492	7,556	234,980
1886	35	4,613	89,295	62,927	7,889	265,274
1887	39	5,139	94,799	75,239	12,116	306,580
1888	45	5,702	106,213	93,832	12,759	344,288
1889	59	7,750	131,127	138,711	18,665	550,314
1890	66	9,139	158,032	148,103	22,135	668,487
1891	88	10,447	188,662	182,758	26,252	861,914
1892	108	12,707	225,784	227,845	26,559	1,005,152
1893	128	15,719	267,458	254,264	31,172	1,090,185
1894	157*	24,630†	387,649	384,462	47,635	1,400,139
1895	170	27,110†	371,714	321,383	44,325	1,393,928
1896	190	31,311†	409,612	360,313	51,793	1,597,825
1897	312	34,300†	452,719	452,322	59,909	1,763,976
1898	242	41,074†	466,437	400,369	72,870	1,916,527
1899	259	46,212†	514,857	478,583	79,394	2,190,368

\* The increase is mainly due to a larger number

† Of these totals 2,529 in 1894, 2,695 in 1895, 2,935 in 1896, 3,133 in



CAPITAL, SALES, &c.

portion of the PROFIT of WORKMEN'S CO-OPERATIVE ASSOCIATIONS for which see p. 48) in the UNITED KINGDOM.  
*Union and the published Accounts of certain Societies.]*

Profit.		Distribution of Profit by certain of the Societies.					Year.
Amount, including (since 1893) Interest on Shares but not on Loans.	Per-centage on Share and Loan Capital.	No. of Societies making Returns.	Amount allotted to			Total of the three pre-eding columns.	
			Members (on Capital).	Customers (on Purchases).	Workers (on Wages).		
£			£	£	£	£	
9,258	7·4		No Returns.				1883
9,111	6·7	13	3,429	1,334	546	5,309	1884
9,983	7·4	16	9,506	2,126	1,470	13,102	1885
11,719	7·7	23	12,100	2,696	1,599	16,395	1886
12,661	7·4		No Returns.				1887
15,061	7·5	21	6,896	3,468	1,854	12,218	1888
26,194	9·7	31	8,601	5,612	3,708	17,921	1889
38,837	12·7	36	10,777	11,333	4,747	26,857	1890
47,810	12·9	42	11,746	17,608	5,043	34,397	1891
46,975	10·4	43	12,187	19,279	5,742	37,208	1892
46,103	8·8	49	12,709	18,644	5,882	37,185	1893
65,707	8·5	51	13,283	21,553	6,338	41,174	1894
85,299	12·3	56	13,640	26,575	9,647	50,015	1895
81,117	10·5	73	20,875	42,471	11,250	74,596	1896
96,784	10·7	79	20,037	52,590	13,150	85,777	1897
103,404	11·9	86	23,539	47,696	14,094	85,329	1898
120,277	12·1	83	24,850	55,482	17,638	97,965	1899

of returns from Baking Societies than in previous years.  
1897, 3,209 in 1898 and 3,486 in 1899 were societies and not individuals.

## ASSOCIATIONS FOR PRODUCTION.—

TABLE 21.—DISTRIBUTION in GROUPS of INDUSTRIES and TOTAL SALES of WORKMEN'S in the UNITED KINGDOM in each of the

[Compiled from the Returns made

Industries.	1888.		1889.		1890.		1891.		1892.	
	No. of Socie- ties.	Sales.	No. of Socie- ties.	Sales.	No. of Socie- ties.	Sales.	No. of Socie- ties.	Sales.	No. of Socie- ties.	Sales.
<b>ENGLAND AND WALES.</b>										
Building .. .. .	1	79	2	21,332	3	30,849	4	26,990	2	25,493
Coal mining .. .. .	..	..	..	..	..	..	..	..	..	..
Quarrying .. .. .	1	10,084	1	13,766	1	13,344	1	16,104	1	13,968
Metal, engineering and ship- building.	9	22,316	13	27,146	13	34,693	13	43,302	14	43,893
Textile .. .. .	10	158,811	12	200,991	13	243,656	13	261,515	16	297,155
Clothing:— Boots and shoes .. ..	8	36,769	10	66,779	10	76,240	15	118,303	16	134,622
Tailoring, &c. .. ..	..	..	..	..	..	..	..	..	..	..
Hat and cap manufacture	..	..	..	..	..	..	1	5,352	1	5,677
Farming, dairying and fishing	5	6,864	5	7,355	4	5,924	4	9,097	6	15,272
Printing and allied trades ..	3	54,721	3	60,095	3	67,830	3	72,555	3	76,091
Woodworking and furnishing	2	5,139	3	4,781	5	5,514	4	20,478	8	21,123
Brick making and pottery ..	..	..	..	..	1	7	1	11	1	5
Bread making and food preparation.	2	9,022	3	13,241	3	18,241	3	20,617	2	14,851
Bass dressing, brush and mat making.	..	..	2	1,825	2	5,454	..	..	2	1,248
Leather .. .. .	..	..	..	..	..	..	..	..	2	1,139
Miscellaneous .. .. .	..	..	..	..	1	400	1	400	1	926
Total .. .. .	41	303,755	53	417,311	59	507,152	63	594,594	75	651,363
<b>SCOTLAND.</b>										
Quarrying .. .. .	..	..	..	..	..	..	..	..	..	..
Textile .. .. .	2	32,062	2	36,600	3	49,772	3	61,064	3	74,164
Farming .. .. .	1	2	1	1,278	1	3,680	1	4,434	1	7,649
Printing and allied trades ..	1	8,469	1	9,270	1	10,081	1	9,487	1	7,954
Bread making and food preparation.	..	..	2	85,865	2	97,802	3	142,122	3	161,945
Miscellaneous .. .. .	..	..	..	..	..	..	..	..	2	3,108
Total .. .. .	4	40,533	6	133,003	7	161,335	8	217,107	10	254,820
<b>IRELAND.</b>										
Embroidery and lace making	..	..	..	..	..	..	..	..	..	..
Printing and allied trades ..	..	..	..	..	..	..	..	..	..	..
Dairying .. .. .	..	..	..	..	..	..	17	50,213	23	96,969
Pig feeding .. .. .	..	..	..	..	..	..	..	..	..	..
Total .. .. .	..	..	..	..	..	..	17	50,213	23	96,969
<b>TOTAL, UNITED KINGDOM</b>	<b>45</b>	<b>344,288</b>	<b>59</b>	<b>550,314</b>	<b>66</b>	<b>668,487</b>	<b>88</b>	<b>861,914</b>	<b>108</b>	<b>1,005,152</b>

\* The figures since 1893 have been compiled from balance sheets and

## SALES, GROUPED BY INDUSTRIES.

CO-OPERATIVE ASSOCIATIONS for PRODUCTION (exclusive of Corn Mills, for which see p. 48).  
Years 1888 to 1899, so far as returned.

to the Co-operative Union.\*]

1893.		1894.		1895.		1896.		1897.		1898.		1899.	
No. of Societies.	Sales.	No. of Societies.	Sales.	No. of Societies.	Sales.	No. of Societies.	Sales.	No. of Societies.	Sales.	No. of Societies.	Sales.	No. of Societies.	Sales.
	£		£		£		£		£		£		£
3	23,835	9	17,548	8	18,385	8	19,859	8	30,406	10	38,586	9	41,847
..	..	..	..	..	..	..	..	1	6,531	1	7,210	1	5,519
1	18,893	1	19,504	1	18,369	1	21,647	1	23,698	1	25,291	1	27,013
13	44,844	14	47,454	16	60,230	16	75,771	16	75,886	19	90,263	19	106,523
17	311,699	13	491,553	15	324,518	15	343,023	15	321,787	14	284,406	12	295,247
25	122,000	26	154,435	24	171,109	24	178,048	24	185,247	24	233,844	23	272,925
..	..	6	8,079	4	15,850	4	20,360	3	25,597	3	31,959	4	45,895
1	6,412	..	..	..	..	..	..	..	..	..	..	..	..
6	17,172	5	15,592	7	17,544	7	21,066	10	28,880	9	29,674	10	30,132
4	81,132	7	64,043	8	83,617	10	89,165	12	96,902	11	100,342	11	103,890
8	26,642	8	39,321	8	25,880	7	28,151	8	33,069	8	36,460	6	41,854
3	19,413	2	22,760	2	25,692	2	30,803	2	21,007	1	8,280	2	28,216
3	16,800	6	25,294	6	29,829	5	33,692	5	36,651	6	40,065	8	47,402
2	3,376	2	5,272	2	6,611	3	6,193	2	5,219	2	3,850	3	4,400
2	4,114	2	8,708	3	19,737	4	22,198	5	20,842	5	15,750	3	8,019
1	2,457	..	..	..	..	..	..	..	..	..	..	..	..
89	698,789	101	909,563	104	815,351	106	889,976	112	921,302	114	947,019	112	1,058,8
..	..	1	1,702	1	2,101	1	2,440	1	2,219	1	3,613	1	3,968
3	71,801	2	75,869	3	90,218	1	72,019	1	72,851	1	72,780	1	75,672
1	10,516	1	8,978	1	11,786	1	13,007	..	..	..	..	..	..
1	8,961	1	9,016	3	12,175	3	12,620	3	13,392	2	12,093	3	13,757
5	162,127	18	236,711	19	270,674	20	320,961	18	391,427	15	421,152	14	418,737
2	1,147	..	..	1	272	..	..	1	455	..	..	1	688
12	254,552	23	332,276	26	387,226	26	421,047	24	480,344	19	509,638	20	512,822
..	..	..	..	..	..	1	1,267	2	878	2	1,805	3	2,119
..	..	..	..	..	..	..	..	1	2,443	1	1,822	1	1,519
27	136,844	33	158,300	38	191,351	56	285,190	71	358,247	106	456,643	123	615,026
..	..	..	..	..	..	1	345	2	762	..	..	..	..
27	136,844	33	158,300	38	191,351	56	286,802	76	362,330	109	459,570	127	618,664
128	1,090,186	157	1,400,139	170	1,393,928	190	1,597,825	212	1,763,976	242	1,916,527	259	2,190,368

returns sent direct to the Department by the societies concerned.

## ASSOCIATIONS FOR PRODUCTION.—MEMBERSHIP,

TABLE 22.—MEMBERSHIP, CAPITAL, SALES, and PROFIT of WORKMEN'S  
which see p. 48) in the UNITED KINGDOM

[Compiled from Balance Sheets and Special Returns

## ENGLAND AND WALES.

Industries.	No. of Societies making Returns.	No. of Members in Societies making Returns.		Capital.			Amount of Sales.	Profit, including Interest on Shares but not on Loans.
		Individuals.	Societies.	Share.	Loan.	Reserve and Insurance Funds.		
1898.								
Building .. ..	10	1,482	7	£ 5,174	£ 9,140	£ 1,849	£ 39,586	£ 2,343
Coal mining and quarrying.	2	327	..	8,487	1,243	1,823	32,501	2,830
Metal, engineering and shipbuilding.	19	1,200	348	23,220	13,149	4,499	90,263	5,640
Textile .. ..	14	2,833	1,036	110,547	67,432	15,189	264,406	7,735
Clothing:—								
Boots and shoes	24	3,619	347	38,844	46,216	4,354	233,844	11,577
Tailoring .. ..	3	752	147	8,081	7,028	738	31,959	2,226
Farming, dairying, and fishing.	9	691	56	16,798	3,418	837	29,674	1,263
Printing and allied trades.	11	1,207	561	36,367	36,837	7,604	100,342	6,271
Woodworking and furnishing.	8	388	60	10,750	25,196	1,551	36,480	507
Brick making ..	1	314	12	2,208	4,035	611	8,280	755
Bread making and food preparation.	6	1,066	121	12,808	5,418	2,051	40,095	3,420
Bass dressing, mat and brush making.	2	140	1	1,228	423	261	3,859	215*
Leather .. ..	5	372	15	4,825	4,892	302	15,750	177*
Total, 1898 ..	114	14,389	2,711	279,315	224,427	41,669	947,019	44,175
1899.								
Building .. ..	9	1,570	9	£ 6,621	£ 9,123	£ 2,284	£ 41,847	£ 345
Coal mining and quarrying.	2	332	..	8,554	3,242	2,326	32,532	950
Metal, engineering and shipbuilding.	19	1,346	369	28,913	13,585	5,780	106,523	7,316
Textile .. ..	12	2,639	1,070	112,431	66,175	15,145	295,247	16,822
Clothing:—								
Boots and shoes	23	3,699	357	43,527	41,175	5,713	272,925	15,349
Tailoring, &c. ..	4	933	185	9,689	8,222	1,356	45,895	4,154
Farming, dairying, and fishing ..	10	711	57	12,764	7,378	892	30,132	823
Printing and allied trades.	11	1,208	568	37,682	37,144	6,828	103,890	6,650
Woodworking and furnishing.	6	349	63	10,768	26,150	2,190	41,854	759
Brick making and pottery.	2	345	77	13,116	12,096	700	28,216	1,947*
Bread making and food preparation.	8	1,558	144	20,039	8,869	2,546	47,402	4,083
Bass dressing, mat and brush making.	3	136	15	1,131	324	274	4,400	31*
Leather .. ..	3	309	5	2,261	1,620	241	8,019	447*
Total, 1899 ..	112	15,035	2,919	306,496	255,123	46,275	1,058,882	54,826

\* Loan.

WORKMEN'S CO-OPERATIVE SOCIETIES.

31

CAPITAL, SALES, &c., GROUPED BY INDUSTRIES.

CO-OPERATIVE ASSOCIATIONS for PRODUCTION (excluding Corn Mills, for in each of the Years 1898 and 1899.

sent to the Department by the Societies concerned.]

SCOTLAND.

Industries.	No. of Societies making Returns.	No. of Members in Societies making Returns.		Capital.			Amount of Sales.	Profit, including Interest on Shares but not on Loans.
		Individuals.	Societies.	Share.	Loan.	Re-serve and Insurance Funds.		
1898.								
Quarrying .. ..	1	48	12	£ 308	£ 776	£ 103	£ 3,613	£ 102
Textile .. ..	1	1,463	290	30,621	38,781	2,771	72,780	4,008
Printing and allied trades.	2	129	61	10,124	7,425	3,490	12,093	1,151
Bread making and food preparation.	15	6,427	119	95,008	101,896	14,843	421,152	50,268
Total, 1898 ..	19	8,067	482	136,059	148,678	21,207	509,638	56,127
1899.								
Quarrying .. ..	1	52	12	£ 319	£ 817	£ 127	£ 3,968	£ 135
Textile .. ..	1	1,490	297	30,844	40,403	2,521	75,672	5,704
Printing and allied trades.	3	340	82	10,764	7,236	2,945	13,757	1,115
Bread making and food preparation.	14	6,254	123	101,536	132,748	16,999	418,737	53,438
Laundry .. ..	1	..	40	1,230	1,545	..	688	342*
Total, 1899 ..	20	8,136	554	144,693	182,749	22,592	512,822	60,060

IRELAND.

1898.								
Embroidery and lace making.	2	58	..	£ 85	£ 389	£ 36	£ 1,605	£ 82
Dairying .. ..	106	15,331	15	49,388	26,725	9,956	456,643	3,594
Printing and allied trades.	1	30	1	1,610	150	2	1,622	574*
Total, 1898 ..	109	15,409	16	51,063	27,264	9,994	459,870	3,102
1899.								
Embroidery and lace making.	3	72	..	£ 88	£ 384	£ 78	£ 2,119	£ 242
Dairying .. ..	123	19,451	10	61,970	39,982	10,449	615,036	5,283
Printing and allied trades.	1	32	3	1,610	345	..	1,519	194*
Total, 1899 ..	127	19,555	13	63,668	40,711	10,527	618,664	5,401

UNITED KINGDOM.

Total, 1898 ..	242	37,865	3,209	£ 466,437	£ 400,369	£ 72,870	£ 1,916,537	£ 103,404
.. 1899 ..	250	42,739	3,486	514,857	478,583	79,394	2,190,368	120,377

\* Loss.

## ASSOCIATIONS FOR PRODUCTION.—

TABLE 23.—AMOUNT of PROFIT allotted to MEMBERS, CUSTOMERS, and for PRODUCTION (excluding Corn Mills) in

[Compiled from the published

Trades.	No. of Societies making Returns.	Amount of Profit allotted to			Total of the three preceding columns.
		Members (on Capital).	Customers (on Purchases).	Workers (on Wages).*	
1898.					
ENGLAND AND WALES.					
Building .. .. .	7	£ 294	£ 339	£ 596	£ 1,229
Quarrying .. .. .	1	2,400	..	..	2,400
Metal and engineering .. ..	13	1,626	1,009	1,568	4,203
Textile .. .. .	6	4,749	3,158	1,198	9,105
Clothing:—					
Boots and shoes .. ..	15	2,364	1,830	4,825	8,519
Tailoring, etc. .. ..	2	644	567	517	1,728
Farming, dairying, and fishing	4	1,199	..	..	1,199†
Printing and allied trades ..	7	2,169	854	712	3,735
Woodworking and furnishing	5	477	6	0	489
Brick making .. .. .	1	210	..	..	210
Bread making and other foods	6	788	1,909	193	2,895
Leather tanning and dressing..	2	79	5	37	121
Total .. .. .	69	16,994	9,177	9,652*	35,823
SCOTLAND.					
Quarrying .. .. .	1	33	..	47	80
Textile .. .. .	1	1,504	2,187	442	4,133
Printing .. .. .	2	1,906	..	..	1,906
Bread making and confectionery.	13	4,003	36,332	3,953	44,288
Total .. .. .	17	6,545	38,519	4,442*	49,506
Total, Great Britain ..	86	23,539	47,696	14,094*	85,329‡

\* In England and Wales, in addition to the amounts shown above, £247 in 1898 and allotted to Provident Funds were, in 1898, £113, and in 1899, £131.

† In addition to this amount, £126 was allotted in both 1898 and 1899 by one the Society.

‡ In addition to this amount, £124 was allotted in 1898 by one society in England and £311 in Scotland.

MODE OF DISTRIBUTION OF PROFIT.

WORKERS respectively, by WORKMEN'S CO-OPERATIVE ASSOCIATIONS  
GREAT BRITAIN in each of the Years 1898 and 1899.

*Accounts of the Societies.]*

Trades.	No. of Societies making Returns.	Amount of Profit allotted to			Total of the three preceding columns.
		Members (on Capital).	Customers (on Purchases).	Workers (on Wages).*	
1899.					
ENGLAND AND WALES.					
Building .. .. .	5	£ 268	£ 268	£ 511	£ 1,037
Quarrying .. .. .	1	2,400	..	..	2,400
Metal and engineering .. ..	12	1,871	1,179	2,257	5,307
Textile .. .. .	8	4,934	3,912	1,803	10,649
Clothing :—					
Boots and shoes .. ..	15	3,146	2,753	6,079	11,978
Tailoring, &c. .. ..	2	797	1,181	1,012	2,990
Farming, dairying, and fishing	4	855	..	1	854†
Printing and allied trades ..	5	2,220	840	751	3,811
Woodworking and furnishing	4	433	..	..	433
Brick making .. .. .	1	181	..	83	264
Bread making and other foods	6	923	1,987	290	3,140
Base dressing, brush and mat making.	2	36	..	12	48
Leather tanning and dressing	1	8	..	40	48
Total .. .. .	66	18,070	12,110	12,779	42,959
SCOTLAND.					
Quarrying .. .. .	1	25	..	74	99
Textile .. .. .	1	1,600	2,630	494	4,724
Printing .. .. .	3	790	..	..	790
Bread making and confectionery.	12	4,365	40,742	4,286	49,393
Total .. .. .	17	6,780	43,572	4,854*	55,006
Total, Great Britain ..	83	24,850	55,482	17,633*	97,965‡

£1,069 in 1899 was allotted to Provident Funds for the workers. In Scotland the amounts Dairying Society in England to its members as a bonus on the value of milk supplied to sick, accident, and old age pension funds. In 1933 the amount so allotted was £207 in

WHOLESALE SOCIETIES.—

TABLE 24.—MEMBERSHIP, CAPITAL, SALES and other PARTICULARS relating  
[Compiled from the published

Year.	Number of Members in Shareholding Societies.	Capital.				Sales.	Rate of Dis-tributive Expenses per £ of Sales.	Average Divi-dend paid per £ on Sales.	Amount trans-ferred to Reserve and In-surance Funds.
		Share.	Loan.	Reserve and Insur-ance Funds.	Total.				
English Society.									
		£	£	£	£	£	d.	d.	£
1883	433,151	186,662	408,110	48,610	643,412	4,546,889	3'4	2½	3,176
*1884	459,754	207,060	439,313	59,438	706,831	4,675,571	3'5	2½	6,431
1885	507,772	234,112	459,168	82,282	775,562	4,793,151	3'6	2½	17,713
1886	558,104	270,679	497,663	106,173	874,515	5,223,179	3'7	3½	22,546
1887	604,800	300,963	511,998	126,998	938,949	5,713,235	3'9	2½	12,186
1888	634,196	318,583	541,878	149,318	1,009,779	6,200,074	4'0	2½	15,296
*1889	679,336	342,218	607,569	187,096	1,136,903	7,028,944	4'0	3½	18,907
1890	721,316	434,017	697,108	215,475	1,346,600	7,429,073	4'0	3½	20,962
1891	751,269	473,966	639,719	261,689	1,365,364	8,766,430	3'9	3½	15,847
1892	824,149	533,512	565,663	292,663	1,381,837	9,300,904	4'2	2½	7,511
1893	873,696	570,149	530,341	291,670	1,392,160	9,526,167	4'5	2½	19,556
1894	910,104	598,496	580,576	320,020	1,498,992	9,443,968	4'6	2½	26,092
*1895	930,985	635,541	520,457	365,967	1,531,965	10,141,917	4'6	3½	37,424
1896	993,564	662,656	531,920	437,491	1,662,067	11,115,056	4'6	3½	26,045
1897	1,063,564	728,749	548,908	489,263	1,766,910	11,920,143	4'9	2½	8,338
1898	1,118,158	775,536	506,698	559,382	1,841,516	12,574,748	4'8	2½	26,618
1899	1,179,609	821,224	516,937	635,736	1,973,897	14,212,375	4'7	4	63,843

NOTE.—The English Society is a federation which at the end of 1899 included 1,079 Co-operative Associations, comprising 1,179,609 members. The Scottish Society included 290 Co-operative Associations, comprising 240,873 members. The Irish Co-operative Agency consisted of 47 agricultural and dairying societies, and the Agricultural Wholesale of 28 agricultural and dairying societies comprising 3,371 members.

\* 53 weeks.  
† 80 weeks.

† Taken from reserve and insurance fund.  
‡ Year of commencement of business.



DISTRIBUTIVE DEPARTMENTS.  
to the CO-OPERATIVE WHOLESALE SOCIETIES in the UNITED KINGDOM.  
*Accounts of the Societies.]*

Year.	Number of Members in Share-holding Societies.	Capital.				Sales.	Rate of Dis-tributive Expenses per £ of Sales.	Average Divi- dend paid per £ on Sales.	Amount trans-ferred to Reserve and In- surance Funds.
		Share.	Loan.	Reserve and Insur- ance Funds.	Total.				
Scottish Society.									
1883	59,539	£ 27,950	£ 151,487	£ 14,559	£ 193,996	£ 1,253,154	d. 4'2	d. 5½	£ 2,271
1884	65,331	31,015	193,260	17,473	241,748	1,300,332	4'5	5½	2,904
1885	70,066	34,267	225,510	21,255	281,022	1,438,220	4'5	6½	3,783
†1886	79,874	58,234	237,769	25,567	319,570	1,857,152	4'7	6½	4,213
*1887	87,220	61,884	259,044	32,652	353,580	1,810,016	4'7	6½	7,085
1888	96,521	68,841	280,612	36,875	386,328	1,963,854	4'8	6½	4,223
1889	107,004	75,556	325,811	44,177	445,544	2,273,782	4'6	6½	7,303
1890	117,664	84,455	390,860	52,883	528,198	2,475,801	4'8	7	8,705
1891	131,066	95,378	435,622	64,940	595,940	2,828,037	4'8	6½	8,964
1892	139,022	129,973	473,856	73,649	677,478	3,104,768	5'0	6½	12,301
1893	149,164	144,075	503,028	85,349	732,452	3,135,562	5'5	6½	11,201
1894	159,830	157,208	468,896	65,728	691,832	3,056,583	5'9	6	†19,621
1895	171,965	169,906	590,527	78,931	839,364	3,449,462	5'4	7	13,208
1896	189,763	187,848	591,800	103,766	883,414	3,822,581	5'2	7½	24,834
1897	211,859	211,489	554,902	124,037	890,428	4,405,854	5'2	8	19,801
1898	223,699	223,932	484,849	148,148	856,929	4,692,330	5'7	7	24,540
1899	240,873	242,010	553,640	180,159	975,809	5,014,189	5'5	8	29,699
Irish Societies.									
(a) Butter Agency.									
†1893	Cannot be stated.	£ 138	£ 542	£ —	£ 680	£ 45,575	d. 7'0	d. —	£ —
1894		138	1,442	—	1,580	64,858	5'9	—	—
1895		201	1,793	—	1,994	77,806	6'5	—	—
1896		270	2,128	—	2,398	110,726	7'6	—	—
1897		239	2,242	—	2,481	116,238	6'1	—	—
1898		352	2,000	—	2,352	133,011	6'2	—	—
1899		375	2,119	330	2,824	159,209	5'9	—	330
(b) Agricultural Wholesale.									
†1897	Cannot be stated.	312	—	—	312	14,441	6'0	—	—
1898		1,861	579	200	2,640	40,006	5'6	4½	200
1899		3,271	2,493	1,675	4,168	36,697	14'5	—	—

## WORKMEN'S CO-OPERATIVE SOCIETIES.

## ENGLISH WHOLESALE SOCIETY.

## MANUFACTURING DEPARTMENTS.

## (a.) GENERAL SUMMARY.

TABLE 25.—NUMBER of WORKPEOPLE, AMOUNT of CAPITAL, VALUE of PRODUCTIONS, and AMOUNT of EXPENSES of the MANUFACTURING DEPARTMENTS of the ENGLISH CO-OPERATIVE WHOLESALE SOCIETY in each year from COMMENCEMENT of MANUFACTURING.

[Compiled partly from the published Accounts of the Society and partly from information specially supplied by the Society.]

Year.	Number of Work-people employed in Production at end of Year.	Average Amount of Capital employed.	Value of Productions at Cost.	Expenses (excluding materials used).		
				Amount of Productive Wages.	Other Expenses.*	Total Expenses, including Productive Wages.
		£	£	£	£	£
1874	220	18,100	54,784	11,279	2,444	13,723
1875	320	25,000	76,403	18,547	3,146	21,693
1876	400	35,000	85,894	22,747	3,967	26,714
1877	450	44,800	97,642	25,111	4,769	29,880
1878	470	45,200	101,397	27,600	5,142	32,742
1879	659	45,100	103,587	29,593	4,957	34,550
1880	680	46,454	118,340	32,465	5,568	38,033
1881	689	47,370	133,106	37,747	5,847	43,594
1882	713	48,413	149,053	42,601	6,196	48,797
1883	933	47,769	144,244	38,680	8,257	46,937
1884	965	55,527	160,757	44,112	9,923	54,035
1885	979	65,613	171,441	46,689	11,584	58,273
1886	996	69,864	184,789	50,967	14,037	65,054
1887	1,110	78,093	196,448	54,151	16,386	70,537
1888	1,405	106,256	231,570	65,367	19,424	84,791
1889	1,758	114,732	282,709	79,606	21,452	101,058
1890	1,969	127,866	350,630	97,793	23,240	121,033
1891	2,823	271,033	583,480	116,617	38,122	154,739
1892	3,278	359,808	816,348	141,329	55,391	196,720
1893	3,054	397,141	729,144	124,007	60,854	184,861
1894	3,265	392,210	783,778	138,360	64,478	202,838
1895	3,933	571,613	914,048	164,582	75,783	240,365
1896	5,277	663,975	1,234,750	239,730	102,523	342,253
1897	5,653	709,778	1,572,807	284,964	115,018	399,982
1898	5,955	794,635	1,909,649	266,493	128,680	395,173
1899	7,382	855,604	2,223,694	356,447	136,596	493,043

\* Including interest on capital (all of which is treated as loan capital), depreciation of property, and expenses of management, &c.

ENGLISH WHOLESALE SOCIETY.  
MANUFACTURING DEPARTMENTS.

(b.) DETAILED STATEMENT, CLASSIFIED BY INDUSTRIES.

TABLE 26.—NUMBER of WORKPEOPLE, AMOUNT of CAPITAL, VALUE of PRODUCTIONS, and AMOUNT of EXPENSES of the MANUFACTURING DEPARTMENTS of the ENGLISH CO-OPERATIVE WHOLESALE SOCIETY in each of the years 1898 and 1899.

[Compiled from information specially supplied by the Society.]

Industries carried on.	Number of Persons Employed in Production at end of Year.	Average Amount of Capital employed.	Value of Productions at Cost.*	Expenses (excluding Materials used).		
				Amount of Productive Wages.	Interest, Depreciation, Administration and other Expenses.	Total Expenses, including Productive Wages.
1898.						
Building .. .. .	373	£ 4,151	£ 86,104	£ 35,016	£ 3,177	£ 38,193
Textiles (Woollen and worsted cloth).	219	29,039	54,530	8,427	5,294	13,721
Clothing:—						
Boots, shoes, and currying..	2,525	206,032	300,842	102,678	26,576	129,254
Tailoring (excluding value of cloth).	718	30,012	57,918	33,302	4,834	38,136
Mantles, shirtmaking, &c..	195	11,644	26,980	5,285	2,266	7,551
Printing and bookbinding ..	270	29,016	32,371	10,531	4,767	15,298
Woodworking and furnishing	99	19,113	13,639	6,923	1,991	8,914
Soap, candles, &c. .. .	256	104,992	154,939	10,378	15,179	25,557
Food preparation:—						
Corn milling .. .. .	179	118,430	582,208	13,256	19,794	33,050
Bread, biscuits, sweets, &c..	307	47,500	94,418	11,241	11,596	22,837
Preserves and pickles .. .	280	91,890	171,215	11,769	9,685	21,454
Cocoa and chocolate .. .	85	13,208	23,962	3,053	3,113	6,166
Lard and buttermaking .. .	254	67,036	246,640	9,260	18,390	27,650
Tobacco (28½ weeks only) ..	175	19,014	67,102	3,082	1,420	4,502
Brush, bedding, &c., making..	41	3,558	6,561	2,292	498	2,790
Total.. .. .	5,955	794,635	1,909,649	266,493	128,660	395,153
1899.						
Building .. .. .	421	£ 3,694	£ 76,499	£ 37,796	£ 1,492	£ 39,288
Textiles (Woollen and worsted cloth).	247	34,826	63,958	11,766	6,045	17,810
Clothing:—						
Boots, shoes, and currying..	2,847	197,163	402,734	142,080	23,874	165,954
Tailoring (excluding value of cloth).	1,069	30,453	69,878	42,706	4,663	47,369
Mantle, corset, shirtmaking, &c.	297	14,263	33,424	8,200	2,195	10,395
Printing and bookbinding ..	361	53,406	44,880	18,009	7,755	25,764
Woodworking and furnishing	108	17,637	17,432	7,473	1,726	9,199
Soap, candles, &c. .. .	283	111,366	214,907	15,068	15,386	30,454
Food preparation:—						
Corn milling .. .. .	163	105,087	553,259	16,934	20,254	37,188
Bread, biscuits, sweets, &c..	377	42,587	101,323	14,723	12,838	27,561
Preserves and pickles .. .	281	100,296	169,662	14,167	9,455	23,622
Cocoa and chocolate .. .	108	10,670	28,538	3,622	3,023	6,645
Lard and buttermaking .. .	451	95,326	295,477	12,776	23,963	36,739
Tobacco .. .. .	310	35,848	155,016	8,710	3,404	12,114
Brush, bedding, &c., making..	89	2,841	6,727	2,428	523	2,951
Total.. .. .	7,332	865,604	2,223,664	356,447	136,566	493,013

\* For 12 months' working, except that in 1898, as to Textiles (£39,517), Printing and Preserves (whole amount), Boots (£55,094) and Bread (£39,574), the figures relate to 15 months.

SCOTTISH WHOLESALE SOCIETY.  
MANUFACTURING DEPARTMENTS.

(a.) GENERAL SUMMARY.

TABLE 27.—NUMBER of WORKPEOPLE, AMOUNT of CAPITAL, VALUE of PRODUCTIONS, and AMOUNT of EXPENSES of the MANUFACTURING DEPARTMENTS of the SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY, together with the AMOUNT distributed to WORKERS as BONUS\* in each year from commencement of Manufacturing.

[Compiled partly from the published Accounts of the Society and partly from information specially supplied by the Society.]

Year.	Number of Work-people employed in Production at end of Year.	Average Amount of Capital employed.	Value of Productions at Cost.	Expenses (excluding Materials used).			Amount distributed to Workers as Bonus on Wages.*	
				Amount of Pro-ductive Wages.	Other Ex-penses.†	Total Expenses including Pro-ductive Wages.	Amount.	Amount in Pence per £ of Wages.
1883	73	£ 1,401	£ 4,004‡	£ 2,357	£ 177	£ 2,534	£ 5	d. 5
1884	104	2,439	4,927‡	2,371	399	2,770	5	5
1885	377	7,924	21,705‡	7,883	1,067	8,950	5	5
1886	427	14,083	45,646	15,401	1,781	17,182	5	5
1887	473	13,729	46,441	16,864	1,783	18,647	315	4½
1888	693	23,341	57,833	21,507	2,647	24,244	629	7
1889	783	35,078	78,047	28,150	4,229	32,379	1,017	8½
1890	1,024	47,124	113,449	38,530	5,676	44,196	1,753	11
1891	1,350	75,169	183,156	48,080	9,326	57,406	1,803	9
1892	1,700	101,017	260,270	61,293	13,643	74,936	2,321	9
1893	1,684	137,304	293,089	68,260	18,137	86,397	1,778	6½
1894	1,931	248,994	346,838	74,904	23,229	97,833	1,843	6
1895	2,751	294,906	684,284	113,210	40,802	154,012	3,275	7
1896	3,311	353,904	831,282	131,905	47,454	179,449	4,262	8
1897	3,700	396,866	1,263,897	166,544	58,229	224,773	6,031	8
1898	3,782	476,149	1,287,903	174,373	69,655	244,028	5,082	7
1899	4,224	481,833	1,282,911	195,487	72,482	267,969	6,514	8

\* In the case of the English Co-operative Wholesale Society no bonus on wages is paid to workers.

† Including interest on capital (all of which is treated as loan capital) depreciation of property, and expenses of management, &c.

‡ Making up only for the distributive departments.

§ The amount of bonus to workers in the manufacturing departments previous to 1887 is not obtainable.

**SCOTTISH WHOLESALE SOCIETY.  
MANUFACTURING DEPARTMENTS.**

(b.) DETAILED STATEMENT, CLASSIFIED BY INDUSTRIES.

TABLE 28.—NUMBER of WORKPEOPLE, AMOUNT of CAPITAL, VALUE of PRODUCTIONS, and AMOUNT of EXPENSES of the MANUFACTURING DEPARTMENTS of the SCOTTISH CO-OPERATIVE WHOLESALE SOCIETY in each of the Years 1898 and 1899.

[Compiled from information specially supplied by the Society.]

Industries carried on.	Number of Persons Em- ployed in Pro- duction at end of Year.	Average Amount of Capital em- ployed.	Value of Produc- tions at cost.	Expenses (excluding Materials used).		
				Amount of Produc- tive Wages.	Other Ex- penses.*	Total Expenses, including Productive Wages.
1898.						
Building .. .. .	269	£ 3,441	£ 25,576	£ 17,283	£ 728	£ 18,011
Textiles (woollen and worsted cloth).	189	34,764	40,166	6,392	4,068	10,460
Clothing:—						
Boots and shoes .. ..	1,105	66,958	162,799	54,024	7,666	61,690
Tailoring .. .. .	498	6,741	31,184	16,464	1,476	17,940
Mantles, shirtmaking, hosiery, &c.	271	5,685	15,505	7,581	1,004	8,585
Farming .. .. .	10	4,600	5,716	441	462†	903
Printing and bookbinding ..	177	11,539	27,985	8,281	2,030	10,311
Woodworking and furnish- ing.	268	21,213	33,083	13,961	3,436	17,397
Soapmaking .. .. .	63	30,579	31,981	3,189	3,970	7,159
Food, &c., preparation:—						
Corn and meal milling..	151	172,906	568,089	11,618	27,127	38,745
Preserves and confec- tionery.	242	33,464	100,092	8,766	6,639	15,405
Tobacco .. .. .	135	40,326	126,248	5,690	3,030	8,720
Brushmaking .. .. .	27	7,225	6,128	1,809	688	2,497
Other trades .. .. .	417	36,808	113,561	18,804	7,312	26,116
Total .. .. .	3,782	476,149	1,287,903	174,373	69,655	244,028
1899.						
Building .. .. .	196	£ 6,721	£ 36,240	£ 22,039	£ 830	£ 22,869
Textiles (woollen and worsted cloth).	146	33,265	38,645	6,709	4,479	11,188
Clothing:—						
Boots and shoes .. ..	1,310	68,760	183,179	60,132	8,271	68,403
Tailoring .. .. .	464	5,333	31,917	15,584	1,262	16,846
Mantles, shirtmaking, hosiery, &c.	636	18,831	49,798	18,179	2,833	21,012
Farming .. .. .	9	4,008	4,493	438	504†	942
Printing and bookbinding ..	206	10,007	24,229	8,404	2,041	10,445
Woodworking and furnish- ing.	341	24,882	42,540	18,069	4,296	22,365
Soapmaking .. .. .	83	35,165	38,754	3,430	5,094	8,524
Food, &c., preparation:—						
Corn and meal milling..	149	156,181	468,142	11,082	25,154	36,236
Preserves, pickles, and confectionery.	231	33,841	89,773	8,565	6,830	15,395
Tobacco .. .. .	136	41,511	127,600	5,530	3,085	8,615
Butter and margarine making, &c.	25	4,028	35,614	1,340	874	2,214
Other foods .. .. .	153	20,394	76,726	6,908	4,958	11,866
Brushmaking .. .. .	40	6,986	7,378	2,144	701	2,845
Other trades .. .. .	108	6,580	23,683	7,004	1,230	8,234
Total .. .. .	4,324	481,833	1,362,911	195,487	72,482	267,969

\* Including interest on capital, depreciation of property, and expenses of man-  
agement, &c.

No interest was charged to this department.

## CORN MILLING SOCIETIES.

TABLE 29.—MEMBERSHIP, CAPITAL, SALES, and PROFIT of the WORKMEN'S CO-OPERATIVE CORN MILLING SOCIETIES in the UNITED KINGDOM (excluding the MILLS of the CO-OPERATIVE WHOLESALE and RETAIL DISTRIBUTIVE SOCIETIES).

[Based upon Reports of the Chief Registrar of Friendly Societies, upon Returns made to the Co-operative Union and (since 1893) upon Returns sent direct to the Department by the Societies concerned.]

Year.	No. of Societies making Returns.	Number of Shareholders in Societies making Returns.		Capital.			Amount of Sales.	Profit, including (since 1893) Interest on Shares, but not on Loan Capital.
		Indi-viduals.*	So-cieties.*	Share.	Loan.	Reserve.		
				£	£	£	£	£
1883	13	17,039		861,354	67,847	10,392	1,344,229	48,382
1884	13	17,099		379,109	70,961	11,331	1,228,939	44,213
1885	13	17,088		387,191	66,223	6,366	1,119,660	29,276
1886	13	16,924		384,945	64,093	6,778	1,064,363	29,305
1887	11	16,884		379,716	53,545	2,410	1,041,027	34,214
1888	12	17,058		356,970	51,317	5,838	1,136,802	43,044
1889	12	16,855		358,805	53,584	8,937	1,158,923	40,689
1890	11	13,123		354,292	67,603	13,061	1,212,547	53,371
1891	11	13,123		361,281	73,859	15,905	1,411,589	74,140
1892	11	12,509	423	370,470	97,945	13,077	1,394,306	57,574
1893	10	11,862	422	368,392	107,415	13,482	1,124,574	37,834
1894	9	6,775	405	355,981	87,565	11,107	946,510	43,742
1895	9	6,622	410	374,119	74,984	17,627	957,906	33,378
1896	9	6,956	402	373,840	74,284	13,189	1,070,543	63,596
1897	9	6,373	412	381,024	62,973	14,081	1,264,402	62,596
1898	8	5,643	411	374,955	55,997	13,993	1,408,646	65,134
1899	8	5,472	414	373,191	49,056	16,742	1,184,885	66,956

\* The number of society and individual members was not separately stated previous to 1892.

WORKMEN'S CO-OPERATIVE SOCIETIES.

49

CO-OPERATIVE CREDIT ASSOCIATIONS.

TABLE 30.—NUMBER, MEMBERSHIP, CAPITAL, AMOUNT OF LOANS granted, and other particulars of the CO-OPERATIVE CREDIT BANKS in the UNITED KINGDOM making returns for the YEARS 1898 and 1899.

[Compiled from Returns furnished by the Societies.]

	Number of Societies making Returns.	Number of Members.	Total Capital (Share, Loan, and Reserve).	Amount of Loans granted during year (including renewals).†	Amount of Loans repaid during year (including interest).	Amount owing by borrowers at end of year.‡	Working Expenses, including interest on Capital.	Profit after allowing for interest on Capital.
1898.								
ENGLAND.								
London .. .. .	2	276	£ 776	£ 766	£ 443	—	£ 111	£ 41½
Other Districts .. .	3	393	1,692	1,958	2,040	—	135	13½
Total, England .. .	5	669	2,468	2,724	2,483	—	246	54½
SCOTLAND .. .	2	550	37,276	8,935	8,013	—	1,098	227
IRELAND.								
Leinster .. . . .	3	124	148	174	88	—	£ s. d. 5 10 4	£ s. d. 2 1 0
Munster .. . . .	3	186	303	433	277	—	10 12 2	4 11 8
Ulster .. . . .	3	100	217	233	30	—	3 8 2	2 7 10
Connaught .. . . .	15	1,030	1,833	2,456	848	—	32 12 8	29 2 9
Total, Ireland .. .	24	1,440	2,501	3,296	1,238	—	52 3 4	38 13 3
Total, United Kingdom	31	2,659	42,245	14,955	11,734	—	£ 1,396	£ 212
1899.								
ENGLAND.								
London .. . . .	3	421	1,114	890	593	535	117	8½
Other Districts .. .	8	459	2,559	2,301	2,151	2,113	168	29
Total, England .. .	11	880	3,673	3,091	2,744	2,648	285	21
SCOTLAND .. .	2	575	39,458	9,672	6,531	24,204	1,242	206
IRELAND.								
Leinster .. . . .	4	214	511	498	348	240	£ s. d. 16 16 2	£ s. d. 9 6 7
Munster .. . . .	3	265	496	628	423	495	22 13 4	10 13 4
Ulster .. . . .	7	240	754	859	474	638	21 9 11	10 10 4
Connaught .. . . .	21	1,298	2,619	3,025	2,192	2,185	69 14 6	51 3 11
Total, Ireland .. .	35	2,017	4,380	5,010	3,437	3,558	130 13 11	81 14 2
Total, United Kingdom	48	3,472	47,511	17,773	12,712	30,710	£ 1,658	£ 309

\* Eight only of the banks making returns in 1899 had share capital: of these five were in England owning £1,770, two in Scotland with £2,937, and one in Ireland with £3. The remaining banks are registered under the Friendly Societies Acts as Specially Authorised Societies, their capital consisting of loans and deposits.  
† The average amount of the loans granted in England in 1899 was £11 15s. 11d., in Scotland £43 19s. 3d., and in Ireland £3 6s. 1d.  
‡ These particulars were not returned for 1898.  
§ Loss.

## CONGRESSES.

TABLE 31.—NUMBER of DELEGATES, and of SOCIETIES, represented at each ANNUAL CO-OPERATIVE CONGRESS from the beginning of the present series.  
[Compiled from the Reports of the Co-operative Union.]

Year.	Where held.	No. of Delegates.	No. of Societies and Associations represented.
1869	London ... ..	63*	58*
1870	Manchester ... ..	77*	35*
1871	Birmingham ... ..	113*	†
1872	Bolton ... ..	93	51
1873	Newcastle ... ..	132	98
1874	Halifax ... ..	189	97
1875	London ... ..	114	81
1876	Glasgow ... ..	115	93
1877	Leicester ... ..	163	109
1878	Manchester ... ..	266	164
1879	Gloucester ... ..	122	85
1880	Newcastle ... ..	175	113
1881	Leeds... ..	272	154
1882	Oxford ... ..	217	141
1883	Edinburgh ... ..	383	246
1884	Derby ... ..	425	235
1885	Oldham ... ..	551	255
1886	Plymouth ... ..	434	232
1887	Carlisle ... ..	428	217
1888	Dewsbury ... ..	540	246
1889	Ipswich ... ..	393	206
1890	Glasgow ... ..	607	311
1891	Lincoln ... ..	531	256
1892	Rochdale ... ..	758	346
1893	Bristol .. ...	588	286
1894	Sunderland ... ..	660	309
1895	Huddersfield ... ..	786	346
1896	Woolwich ... ..	865	413
1897	Perth ... ..	822	353
1898	Peterborough ... ..	932	414
1899	Liverpool .. ...	1,176	492
1900	Cardiff ... ..	954	431

\* These figures are approximate only, the distinction between delegates and visitors not having been recorded.

† Not obtainable.



WORKMEN'S CLUBS.

NUMBER OF CLUBS REGISTERED.

TABLE 32.—NUMBER OF WORKMEN'S CLUBS REGISTERED in the United Kingdom in each of the years 1886 to 1900 under the FRIENDLY SOCIETIES ACTS and the INDUSTRIAL and PROVIDENT SOCIETIES ACTS, and the NUMBER remaining on the REGISTER at the end of each Year.  
[Compiled from the Reports of the Chief Registrar of Friendly Societies.]

Years.				Number of Clubs registered during Year under the		Number of Clubs remaining on the Register at end of Year under the	
				Friendly Societies Acts.	Industrial and Provident Societies Acts.*	Friendly Societies Acts.	Industrial and Provident Societies Acts.*
1886	...	...	...	53	*	291	*
1887	...	...	...	53	*	336	*
1888	...	...	...	56	*	391	*
1889	...	...	...	57	*	430	*
1890	...	...	...	52	*	474	*
1891	...	...	...	35	*	495	*
1892	...	...	...	43	14	512	14
1893	...	...	...	51	10	475	24
1894	...	...	...	55	9	512	31
1895	...	...	...	63	12	512	43
1896	...	...	...	64	13	566	56
1897	...	...	...	56	12	601	66
1898	...	...	...	53	5	621	69
1899	...	...	...	92	11	704	80
1900	...	...	...	49	9	715	87

\* No clubs were registered under the Industrial and Provident Societies Acts previous to 1892.

WORKING MEN'S CLUB AND INSTITUTE UNION.

TABLE 33.—NUMBER AND MEMBERSHIP of WORKMEN'S CLUBS affiliated to the WORKING MEN'S CLUB AND INSTITUTE UNION in each of the under-mentioned years, so far as Returns have been made to the Union.  
[Compiled from Returns collected by the Union.]

District.	Number of Affiliated Clubs making Returns.				Membership of Clubs making Returns at end of			
	1895.	1896.	1898.*	1899.	1895.	1896.	1898.*	1899.
ENGLAND AND WALES.								
Northern Counties .. ..	..	..	1	4	..	..	280	933
Yorkshire .. ..	51	66	81	96	14,257	16,731	19,562	27,624
Lancashire and Cheshire ..	81	82	94	121	15,517	16,756	18,572	27,125
West Midland Counties ..	17	24	27	31	4,646	8,397	7,189	10,477
East Midland Counties ..	40	55	68	76	10,750	14,176	16,716	19,697
Eastern Counties .. ..	13	10	12	15	4,093	4,906	4,223	4,490
London .. ..	152	151	144	130	39,179	43,145	42,352	45,095
Home Counties .. ..	51	51	55	60	11,141	11,371	11,174	12,676
Southern Counties .. ..	37	48	62	74	11,388	15,697	21,838	22,139
South-Western Counties ..	15	16	15	17	1,838	2,323	2,497	2,775
Wales and Monmouth ..	6	7	7	7	1,877	2,159	2,992	2,502
SCOTLAND .. ..	2	2	3	3	156	450	678	701
IRELAND .. ..	2	2	3	3	466	555	1,150	1,631
Total, United Kingdom ..	467	514	570	657	115,307	136,666	148,913	178,465

\* No Returns were collected for 1897.

## REGISTERED FRIENDLY SOCIETIES.

## GENERAL SUMMARY.

TABLE 34.—NUMBER of REGISTERED FRIENDLY SOCIETIES and BRANCHES of REGISTERED ORDERS in the UNITED KINGDOM at 31st December, 1898 (the latest year for which full particulars are available) : and the NUMBER of MEMBERS and AMOUNT of FUNDS of such SOCIETIES at that date.

[Compiled from information supplied by the Chief Registrar of Friendly Societies.]

—	Number of Societies and Branches.	Number of Members.	Funds.
<b>I.—Friendly Societies and Branches :—</b>			
England and Wales ... ..	26,463	4,833,679	29,902,848
Scotland ... ..	1,699	370,039	1,646,248
Ireland ... ..	556	77,551	127,301
Total ... ..	28,718	5,281,269	31,676,397
<b>II.—Special Classes of Friendly Societies :—</b>			
England and Wales ... ..	1,145	575,195	1,257,945
Scotland ... ..	11	4,430	67,917
Ireland ... ..	72	8,089	82,870
Total ... ..	1,228	587,714	1,408,732
<b>III.—Collecting Societies :—</b>			
England and Wales ... ..	33	4,767,964	4,175,116
Scotland ... ..	6	787,863	657,457
Ireland ... ..	...	...	...
Total ... ..	39	5,555,827	4,832,573
Total, United Kingdom	29,985	11,424,810	37,917,703

NOTE.—In the Sixth Annual Abstract of Labour Statistics, page 50, a similar Table is given for the year 1897 with particulars of the Income and Expenditure of the various classes of Societies and the number of Societies and Branches on the Register in that year. These particulars for the year 1898 are not available.

SICKNESS AND MORTALITY EXPERIENCE.

ABLE 35.—NUMBER OF WEEKS' SICKNESS per Annum per MEMBER of REGISTERED FRIENDLY SOCIETIES at various Ages (with Chart); also PERCENTAGE of DEATHS of MEMBERS per Annum, at each Age specified.

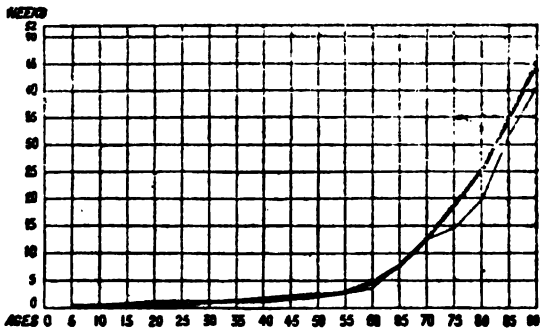
Comparison of the Adjusted Rates of Sickness and Mortality according to the under-mentioned Tables.

Age.	New Standard Table.*			Oddfellows (Manchester Unity).	Foresters (Ancient Order).	Age.
	Males.		Females.			
	Wales, 1866-75.	England and Wales, 1876-80.	England and Wales, 1856-75.	Males. 1866-70.	Males. 1871-75.	
	(1.)	(2.)	(3.)	(4.)	(5.)	
SICKNESS.—Number of Weeks' Sickness per Member per Annum at each Age stated.						
20	1·07	·89	1·01	·65	·85	20
30	1·08	·96	1·22	·86	·91	30
40	1·38	1·37	1·74	1·15	1·27	40
50	2·06	2·18	2·43	1·96	1·95	50
60	4·17	4·32	3·49	3·98	3·87	60
70	14·74	12·24	12·42	10·38	10·37	70
80	32·99	25·07	19·45	20·72	21·50	80
90	43·78	44·95	40·19	...	...	90
MORTALITY.—Number Dying per Annum out of 100 Members at each Age stated.						
20	·79	·70	·77	·58	·73	20
30	·95	·71	·86	·80	·81	30
40	1·08	1·07	1·09	1·12	1·21	40
50	1·66	1·73	1·20	1·67	1·87	50
60	2·90	3·40	2·45	3·11	3·37	60
70	6·28	7·23	6·14	6·74	7·20	70
80	15·32	14·34	14·39	13·94	14·19	80
90	31·60	27·10	31·44	26·92	26·41	90

Average amount of Sickness at different Ages.\*

Chart showing the number of weeks' Sickness per member per annum, at each age from 5 to 90, based on the experience of Registered Friendly Societies. (See Columns 2 and 3 of Table above.)

Males (1876-80) ——— thick line. Females (1856-75) ——— thin line.



\* Compiled from Special Report on Sickness and Mortality experienced in Registered Friendly Societies, together with certain Monetary Tables based thereon, by the Actuary to the Registry of Friendly Societies (Central Office). H. C. 908 of 1896.

PARTICULARS OF FOURTEEN IMPORTANT AFFILIATED

[Compiled from information

TABLE 36.—Adult Male Membership of the several branches in the certain CENTRALISED SOCIETIES,

Year.	Man- chester Unity Odd- fellows.	A.O. Foresters.	Hearts of Oak.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	Rational Associa- tion.	National Indepen- dent Odd- fellows.
1886	550,729	594,921	111,424	67,722	66,379	57,740	52,201
1887	558,594	604,908	115,284	71,023	67,783	61,453	52,739
1888	568,312	615,192	122,942	78,057	83,065	65,001	52,922
1889	579,297	625,077	130,991	88,667	88,883	68,292	53,984
1890	594,868	639,728	140,722	95,074	95,947	72,593	55,006
1891	612,062	647,648	153,269	103,285	101,796	75,915	56,576
1892	627,209	655,178	168,732	113,097	105,585	80,919	56,382
1893	637,856	667,909	184,006	120,437	105,840	84,698	56,674
1894	653,641	658,868	200,365	100,601	107,525	75,164	57,328
1895	665,233	654,628	205,748	103,045	109,782	77,406	58,283
1896	682,815	662,790	212,536	113,972	113,899	80,620	59,740
1897	696,528	656,919	220,896	119,169	115,409	84,356	60,681
1898	711,769	654,189	229,416	124,671	115,550	86,873	61,515
1899	724,523	659,307	239,075	130,201	118,338	88,336	62,028

TABLE 37.—Total Yearly Income (exclusive of FEMALE and JUVENILE mentioned AFFILIATED ORDERS and of

Year.	Man- chester Unity, Odd- fellows.	A.O. Foresters.	Hearts of Oak.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	Rational Associa- tion.	National Indepen- dent Odd- fellows.
1886	£ 969,754	£ 892,613	£ 253,095	£ 80,539	£ 87,565	£ 53,832*	£ 54,035
1887	994,990	922,405	260,774	84,976	93,006	57,532*	56,961
1888	1,020,662	938,163	277,218	107,141	106,583	59,268*	57,632
1889	1,047,966	942,235	290,174	117,476	121,552	69,519	61,573
1890	1,077,498	966,474	312,962	128,594	129,325	77,792	60,786
1891	1,013,229	1,000,960	337,888	154,132	137,645	82,243	59,097
1892	1,148,267	1,025,361	362,179	164,581	146,100	91,553	59,990
1893	1,162,619	1,058,518	395,097	172,073	149,016	96,043	59,399
1894	1,306,003	1,094,166	432,672	131,989	152,598	99,928	50,513
1895	1,224,048	1,090,412	458,529	203,241	159,173	105,830	55,217
1896	1,259,115	1,206,656	472,000	204,422	164,390	111,023	60,106
1897	1,294,233	1,240,559	491,226	182,765	168,435	115,899	54,178
1898	1,342,083	1,246,668	517,582	201,378	171,271	124,522	62,111
1899	1,359,993	1,301,998	542,407	210,321	178,434	126,237	61,590

\* Medical aid receipts not included in these years.

## ORDERS AND CENTRALISED FRIENDLY SOCIETIES.

*pecially supplied by the Societies.]*

UNITED KINGDOM of the under-mentioned AFFILIATED ORDERS and of at the end of each Year.

N.U.O. Free Gardeners.	U.A.O. Druids.	The Order of Druids.	B.O.A. Free Gardeners.	Notting- ham Order of Odd- fellows.	The Sons of Temper- ance. †	National Deposit Friendly Society. †	Year.
44,700	27,550	41,857	15,245	41,183	22,123	5,350	1886
44,629	28,848	43,068	15,429	41,163	22,931	5,754	1887
45,069	30,045	46,565	18,441	41,475	23,740	6,335	1888
49,447	31,168	48,090	23,364	41,831	25,089	6,825	1889
53,061	31,994	51,881	25,945	42,578	26,663	7,648	1890
53,166	33,817	41,874†	28,980	42,868	28,612	9,004	1891
54,044	35,993	42,191	31,188	43,035	29,611	10,139	1892
54,228	38,077	43,593	34,550	42,309	30,882	11,632	1893
55,113	38,405	43,702	35,075	41,531	32,861	13,351	1894
55,515	39,732	44,480	37,356	41,521	34,894	16,290	1895
57,555	41,440	47,670	40,221	41,440	37,619	20,020	1896
58,657	42,976	50,551	42,388	41,705	40,466	25,396	1897
59,762	44,526	51,926	43,104	41,712	42,775	35,308	1898
61,203	46,858	58,814	44,388	41,842	46,443	45,804	1899

FUNDS) of the several branches in the UNITED KINGDOM of the under-certain CENTRALISED SOCIETIES.

N.U.O. Free Gardeners.	U.A.O. Druids.	The Order of Druids.	B.O.A. Free Gardeners.	Notting- ham Order of Odd- fellows.	The Sons of Temper- ance. †	National Deposit Friendly Society. †	Year.
£ 62,156	£ 39,062	£ 66,589	£ 19,818	£ 52,542	£ 31,221	£ 8,636	1886
62,658	36,087	68,908	20,590	52,527	32,005	9,309	1887
64,189	37,790	68,744	23,055	52,764	34,140	10,286	1888
70,893	39,320	69,736	30,073	52,979	34,689	11,468	1889
73,285	38,185	77,045	32,923	53,324	38,428	12,863	1890
77,168	42,669	67,017‡	37,448	53,769	39,710	15,071	1891
77,215	45,787	61,443	40,421	53,942	41,894	18,456	1892
77,134	47,517	60,650	43,797	53,567	43,904	20,101	1893
78,769	49,636	64,832	52,673	52,960	46,516	22,895	1894
80,759	51,639	60,904	51,233	52,949	47,990	15,873	1895
81,033	53,726	67,549	54,967	52,865	49,789	36,953	1896
85,170	60,996	67,393	57,915	52,960	55,263	43,334	1897
86,818	56,919	71,052	65,439	53,000	59,560	59,497	1898
89,195	64,645	76,330	68,831	§	63,760	84,712	1899

† The figures given for this Society include both males and females.

‡ A secession of 10,000 members took place in this year.

§ Particulars not available.

## PARTICULARS OF FOURTEEN IMPORTANT AFFILIATED

TABLE 38.—Total Accumulated Funds (exclusive of FEMALE and the under-mentioned AFFILIATED ORDERS and of

Year.	Man- chester Unity, Odd- fellows.	A.O. Foresters.	Hearts of Oak.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	Rational Associa- tion.	National Independ- ent Odd- fellows.
	£	£	£	£	£	£	£
1886	5,655,370	3,431,561	832,231	384,477	186,439	159,944	174,525
1887	5,880,646	3,671,826	907,488	401,429	197,178	173,028	183,016
1888	6,068,276	3,837,328	989,371	455,498	219,803	182,489	189,305
1889	6,304,686	4,012,948	1,061,245	498,657	230,024	199,363	198,709
1890	6,490,680	4,155,474	1,167,518	531,973	246,503	207,634	201,795
1891	6,634,430	4,266,552	1,236,111	583,046	265,503	219,467	204,109
1892	6,832,110	4,422,113	1,311,438	639,855	292,124	232,252	212,478
1893	7,090,520	4,561,530	1,391,913	687,668	314,805	246,963	224,099
1894	7,382,203	4,775,759	1,508,193	730,261	343,936	244,370	230,315
1895	7,623,043	4,940,763	1,608,234	787,155	367,856	259,736	241,941
1896	7,928,383	5,066,788	1,741,754	788,853	502,964	282,277	251,558
1897	8,256,489	5,337,476	1,876,701	790,847	537,896	301,132	264,094
1898	8,552,707	5,501,583	2,032,016	795,760	564,293	324,190	272,143
1899	8,802,134	5,747,029	2,175,073	825,674	601,419	346,481	283,066

TABLE 39.—Total Benefits of all kinds paid on account of MALE mentioned AFFILIATED ORDERS and of certain

Year.	Man- chester Unity, Odd- fellows.	A.O. Foresters.	Hearts of Oak.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	Rational Associa- tion.	National Independ- ent Odd- fellows.
	£	£	£	£	£	£	£
1886	597,704	661,522	176,038	50,064	63,191	36,449†	52,993
1887	606,709	669,468	173,728	56,456	64,530	37,005†	54,910
1888	613,869	680,900	181,234	64,290	73,500	40,888†	43,276
1889	598,625	675,990	184,667	69,110	79,045	44,281	45,693
1890	679,179	748,225	219,688	77,342	92,373	57,584	51,331
1891	701,075	770,330	241,552	88,434	99,129	61,287	44,846
1892	713,685	783,338	266,699	92,036	100,591	68,962	52,704
1893	706,531	779,620	293,534	104,039	105,534	70,661	53,130
1894	690,862	733,957	286,486	77,164	98,000	69,421	45,589
1895	726,096	795,722	330,567	142,313	112,000	78,717	44,907
1896	706,593	731,072	306,137	142,416	105,369	77,119	43,245
1897	746,540	773,380	328,256	106,771	111,099	85,262	42,234
1898	762,596	781,106	329,466	143,702	108,659	89,403	46,392
1899	792,963	828,713	361,189	153,214	116,818	89,185	50,440

\* Medical aid benefits not included.

† Medical aid benefits not included in these years.

**ORDERS AND CENTRALISED FRIENDLY SOCIETIES—cont.**

**JUVENILE FUNDS**) of the several branches in the UNITED KINGDOM of certain CENTRALISED SOCIETIES at the end of each Year.

N.U.O. Free Gardeners.	U.A.O. Druids.	The Order of Druids.	B.O.A. Free Gardeners.	Not- tingham Order of Odd- fellows.	The Sons of Temper- ance. ‡	National Deposit Friendly Society. ‡	Year
£	£	£	£	£	£	£	
121,990	136,108	139,290	20,287	201,101	71,814	28,302	1886
121,168	132,575	143,032	26,340	202,174	78,291	31,517	1887
125,481	133,888	154,151	31,203	204,016	83,704	35,131	1888
139,940	140,970	155,708	38,209	206,353	91,331	39,568	1889
142,320	146,877	161,044	43,693	206,439	97,736	43,806	1890
146,336	150,697	124,365‡	50,376	201,862	105,052	49,342	1891
151,899	158,368	109,936	58,739	201,405	113,962	55,951	1892
157,651	159,276	114,507	66,098	200,729	120,705	62,598	1893
163,037	170,658	118,800	75,482	200,209	131,724	70,740	1894
162,215	175,929	120,806	84,670	200,737	141,486	88,940	1895
174,305	184,856	124,713	96,268	201,838	155,994	106,077	1896
176,590	196,306	124,732	110,900	197,182	169,401	128,073	1897
185,116	206,290	129,130	125,527	198,199	182,547	158,578	1898
192,362	215,053	130,698	141,152	206,524	195,778	199,293	1899

**ADULTS**|| by the several branches in the UNITED KINGDOM of the under-CENTRALISED SOCIETIES in each Year.

N.U.O. Free Gardeners.	U.A.O. Druids. ¶	The Order of Druids. ‡	B.O.A. Free Gardeners.	Notting- ham Order of Odd- fellows.	The Sons of Temper- ance. ‡	National Deposit Friendly Society. ‡	Year.
£	£	£	£	£	£	£	
47,381	25,582	42,954	11,248	41,016	18,818	2,042	1886
47,379	26,997	42,175	11,384	42,012	19,835	2,127	1887
47,568	28,963	44,947	12,346	41,908	19,707	2,123	1888
50,993	28,006	44,023	13,588	40,577	20,268	2,256	1889
55,685	31,581	50,382	17,853	41,641	23,502	3,260	1890
58,642	33,796	43,200‡	21,176	45,378	26,291	3,646	1891
56,658	32,372	40,873	22,001	46,023	25,567	4,390	1892
58,902	35,875	43,622	25,650	42,577	27,683	4,983	1893
63,032	34,041	45,577	26,489	38,818	24,836	5,402	1894
77,089	39,563	44,479	28,035	43,312	30,616	6,255	1895
73,282	37,195	47,966	27,529	39,884	27,560	6,623	1896
77,503	41,310	49,148	30,073	40,651	31,143	8,381	1897
76,495	41,668	51,926	32,566	43,521	34,022	11,006	1898
81,756	44,526	57,388	36,189	42,082	36,096	14,944	1899

‡ The figures given for this Society include both males and females.  
‡ A secession of 10,000 members took place in this year.

‡ Including funeral benefits on account of deaths of wives or widows.  
¶ Including Medical and Distress benefits.

## PARTICULARS OF FOURTEEN IMPORTANT AFFILIATED

TABLE 40.—TOTAL AMOUNT of Sick Benefit paid to MALE ADULTS by the ORDERS and of certain CENTRALISED

Year.	Man- chester Unity, Odd- fellows.	A.O. Foresters.	Hearts of Oak.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	Rational Associa- tion.	National Independ- ent Odd- fellows.
	£	£	£	£	£	£	£
1886	466,569	2,505	116,748	32,129	43,816	23,262	48,952*
1887	472,960	456,799	115,108	40,925	44,750	28,314	50,578*
1888	479,277	467,442	122,546	47,332	51,341	31,403	28,396
1889	466,590	466,729	124,645	49,713	53,062	29,911	29,781
1890	523,702	521,080	155,786	56,768	61,961	33,633	32,794
1891	533,953	530,965	169,801	68,018	67,241	39,541	25,349
1892	554,705	547,623	194,518	70,788	69,619	46,657	33,820
1893*	547,777	541,556	211,719	81,948	73,871	40,329	32,781
1894	544,896	512,169	205,344	57,333	67,439	47,813	32,642
1895	594,041	565,265	244,111	98,268	78,071	54,452	30,594
1896	553,808	511,396	215,690	96,859	72,619	52,547	32,888
1897	590,461	545,199	231,685	77,856	77,665	58,386	34,437
1898	599,934	548,464	237,189	98,750	74,223	61,229	45,178
1899	630,692	575,837	260,967	100,632	79,518	63,461	57,170

TABLE 41.—TOTAL AMOUNT paid for Funeral Benefit on account of MEMBERS, of the under-mentioned AFFILIATED ORDERS and of

Year.	Man- chester Unity, Odd- fellows.	A.O. Foresters.	Hearts of Oak.	I.O. Recha- bites, Salford Unity.	L.O.A. Shepherds, Ashton Unity.	Rational Associa- tion.	National Independ- ent Odd- fellows.
	£	£	£	£	£	£	£
1886	103,659	104,425	24,373	9,894	12,158	6,879	†
1887	103,960	104,141	24,992	7,110	12,454	7,311	†
1888	102,151	104,740	25,682	8,686	13,201	7,955	9,490
1889	101,517	99,964	26,756	9,187	15,151	7,440	9,953
1890	116,981	116,118	31,104	9,905	18,190	8,292	12,536
1891	124,097	126,399	35,761	10,164	19,522	10,321	13,171
1892	117,295	120,406	34,559	9,850	17,752	10,007	12,358
1893	119,970	123,823	40,641	11,629	18,845	11,205	13,654
1894	107,408	110,044	38,735	9,284	16,741	9,770	12,947
1895	120,205	118,566	40,064	14,041	18,554	10,953	10,886
1896	111,094	111,234	41,118	13,605	18,094	11,522	16,356
1897	116,864	117,667	44,856	10,874	18,072	12,451	11,746
1898	120,877	121,488	44,001	11,209	18,630	12,214	11,214
1899	127,807	132,165	51,281	13,510	21,746	12,651	13,719

\* Including funeral benefit.

† Amount of funeral benefit included in Table 40 above.



ORDERS AND CENTRALISED FRIENDLY SOCIETIES—*cont.*

several branches in the UNITED KINGDOM of the under-mentioned AFFILIATED SOCIETIES, in each Year.

N.U.O. Free Gardeners.	U.A.O. Druids.	The Order of Druids.	B.O.A. Free Gardeners.	Notting- ham Order of Odd- fellowa.	The Sons of Temper- ance. ‡	National Deposit Friendly Society. ‡	Year.
£	£	£	£	£	£	£	
47,342*	16,592	31,500	7,512	30,754	15,992	1,769	1836
47,341*	17,539	30,487	8,380	30,482	16,762	1,835	1887
47,536*	18,444	33,247	9,042	30,813	16,212	1,754	1888
50,903*	17,962	32,340	10,077	29,433	17,168	1,890	1889
55,660*	20,394	36,842	13,112	30,350	20,483	2,807	1890
58,877*	22,389	30,871‡	16,064	32,663	21,809	3,079	1891
56,635*	31,215	28,796	16,771	31,355	21,442	3,784	1892
58,867*	24,026	31,806	19,714	31,098	22,995	4,266	1893
36,137	22,301	34,378	19,736	28,867	21,247	4,590	1894
39,909	26,700	35,056	23,764	31,874	25,911	5,409	1895
38,502	24,446	38,197	23,106	27,920	23,146	5,570	1896
39,916	27,357	38,198	25,462	29,985	26,852	7,191	1897
41,249	28,484	39,426	25,904	30,148	28,723	9,673	1898
43,036	29,589	40,028	28,925	30,575	31,413	13,481	1899

WIVES and WIDOWS by the several branches in the UNITED KINGDOM certain CENTRALISED SOCIETIES, in each Year.

N.U.O. Free Gardeners.	U.A.O. Druids.	The Order of Druids.	B.O.A. Free Gardeners.	Notting- ham Order of Odd- fellowa.	The Sons of Temper- ance. ‡	National Deposit Friendly Society. ‡	Year.
£	£	£	£	£	£	£	
†	5,123	11,454	2,845	10,262	2,693	90	1886
†	5,346	11,688	3,002	11,530	2,755	80	1887
†	5,747	11,700	3,303	11,095	3,180	98	1888
†	5,635	11,663	3,511	11,144	2,711	104	1889
†	6,599	13,540	4,740	11,291	3,739	116	1890
†	6,617	12,329‡	5,112	12,715	4,097	182	1891
†	6,054	12,077	5,229	11,668	3,624	213	1892
†	6,373	11,816	5,934	11,479	4,115	227	1893
8,277	6,147	11,299	5,733	9,951	3,107	234	1894
9,501	6,894	9,423	6,459	11,438	4,214	301	1895
8,924	5,402	9,769	6,326	9,964	3,901	240	1896
9,371	7,550	10,950	6,721	10,666	3,817	294	1897
9,525	6,371	10,695	6,662	12,373	4,700	363	1898
10,612	7,991	10,347	5,585	11,507	3,862	457	1899

‡ The figures given for this Society include both males and females.  
† A secession of 10,000 members took place in this year.

TRADE DISPUTES IN THE UNITED KINGDOM.  
DISPUTES GROUPED BY TRADES.

TABLE 42.—NUMBER of TRADE DISPUTES beginning in each of the Years 1894 to 1900,\* GROUPED by TRADES; together with the NUMBER of WORKPEOPLE affected by such DISPUTES and the AGGREGATE DURATION in WORKING DAYS of all DISPUTES in each YEAR.  
[Disputes involving less than ten workpeople, and those which lasted less than one day have been omitted, except when the aggregate duration exceeded 100 working days.]

Year.*	Building.	Mining and Quarrying.	Metal, Engineering, and Ship-building.	Textile.	Clothing.	Transport (Dock Labourers, Railway Men, &c.)	Miscellaneous.	Total.
NUMBER OF DISPUTES.								
1894	162	232	161	178	65	48	33	929
1895	146	187	160	124	39	27	62	745
1896	171	171	266	153	48	26	92	926
1897	193	127	229	108	56	48	103	864
1898	183	129	152	99	53	22	73	711
1899	180	109	140	124	37	47	82	719
1900*	140	138	105	95	32	50	63	623
NUMBER OF WORKPEOPLE DIRECTLY AND INDIRECTLY AFFECTED BY DISPUTES.†								
1894	13,632	218,067	28,040	40,004	5,609	11,507	8,369	325,248
1895	9,438	83,967	46,328	64,129	50,040	4,256	4,975	263,123
1896	33,312	67,197	48,137	33,656	3,969	3,312	8,607	193,190
1897	15,047	49,392	97,189	37,001	7,016	12,523	12,099	230,267
1898	16,684	177,039	21,432	24,978	3,561	3,478	6,745	253,907
1899	30,524	46,831	21,119	61,499	2,258	12,611	5,375	180,217
1900*	17,881	73,677	18,929	23,940	1,934	23,375	25,137	184,773
AGGREGATE DURATION OF DISPUTES IN WORKING DAYS.‡								
1894	377,987	6,638,507	1,274,219	748,173	100,382	266,825	122,937	9,529,010
1895	382,911	1,086,157	1,369,259	1,076,993	1,616,562	35,143	157,645	5,724,670
1896	1,060,227	1,011,668	862,760	519,917	98,734	23,043	170,019	3,746,366
1897	353,348	1,445,843	7,141,289	677,615	301,082	76,497	349,849	10,345,523
1898	379,170	12,876,334	1,370,764	273,564	69,900	46,771	272,975	15,269,478
1899	854,207	504,428	420,660	552,485	42,154	62,450	80,032	2,516,416
1900*	790,013	1,111,237	351,984	412,676	55,997	331,543	731,545	3,784,985

\* The figures for 1894-9 have been extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs. Those for 1900 are preliminary only and subject to revision.  
† In this and the following tables workpeople who are on strike or locked-out are termed "directly affected," and the other workpeople employed at the establishments where the dispute occurred and thrown out of work by the dispute, are termed "indirectly affected."  
‡ In computing the aggregate duration of disputes, the days lost by workpeople indirectly affected are included. In the case of disputes extending into two years the days lost are included in the total for the year in which they fell.

## DISPUTES GROUPED BY CAUSES.

TABLE 43.—PRINCIPAL CAUSES or OBJECTS of TRADE DISPUTES in each of the Years 1896-1900.\*

Principal Cause or Object.	1896.	1897.	1898.	1899.	1900.*
Number of Workpeople <i>directly</i> affected by Disputes.					
<b>WAGES.</b>					
For increase ... ..	58,193	50,082	151,747	73,696	57,179
Against decrease ... ..	10,487	8,290	10,654	6,826	7,451
Other ... ..	27,295	15,534	13,991	14,129	19,096
Total ... ..	95,975	73,906	176,392	94,651	83,726
<b>HOURS OF LABOUR.</b>					
For decrease ... ..	1,413	38,377	331	1,069	468
Other ... ..	942	850	446	2,788	200
Total ... ..	2,355	39,227	777	3,857	668
<b>EMPLOYMENT OF PARTICULAR CLASSES OR PERSONS.</b>					
Working arrangements	22,745	14,840	9,203	8,187	9,481
Trade Unionism ... ..	17,533	29,068	11,742	17,895	19,835
Other causes ... ..	5,279	6,327	2,215	5,130	20,247
Total <i>directly</i> affected	4,063	14,085	440	8,338	2,279
Percentage proportion of Workpeople <i>directly</i> affected by Disputes of the various classes.					
Wages ... ..	per cent. 64·9	per cent. 44·1	per cent. 87·9	per cent. 68·6	per cent. 61·5
Hours of labour ... ..	1·6	23·4	0·4	2·8	0·5
Employment of particular classes or persons.	15·4	8·9	4·6	5·9	6·9
Working arrangements ...	11·8	17·4	5·8	13·0	14·6
Trade Unionism ... ..	3·6	3·8	1·1	3·7	14·8
Other causes ... ..	2·7	2·4	0·2	6·0	1·7

\* The figures for 1896-9 have been extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs. Those for 1900 are preliminary only and subject to revision.

DISPUTES GROUPED BY RESULTS.

TABLE 44.—PERCENTAGE of (1) DISPUTES and (2) WORKPEOPLE *directly* involved in DISPUTES, the RESULTS of which were in FAVOUR of the WORKPEOPLE, in FAVOUR of the EMPLOYERS, COMPROMISED, or remained INDEFINITE or UNSETTLED in each of the Years 1896-1900.\*

Results of disputes.	1896.	1897.	1898.	1899.	1900.*
	Percentages based on Number of Disputes.				
In favour of workpeople .. ..	40·8	38·3	33·5	32·0	29·4
In favour of employers .. ..	32·6	35·5	31·9	34·1	28·1
Compromised .. ..	26·3	24·9	34·2	33·8	30·6
Indefinite or unsettled .. ..	0·3	1·3	0·4	1·1	11·9†
Total .. ..	100·0	100·0	100·0	100·0	100·0
	Percentages based on Number of Workpeople <i>Directly</i> Involved.				
In favour of workpeople .. ..	43·5	24·2	22·6	26·7	29·1
In favour of employers .. ..	28·0	40·7	60·1	43·7	19·1
Compromised .. ..	28·3	34·0	17·2	29·1	39·8
Indefinite or unsettled .. ..	0·2	1·1	0·1	0·5	12·0†
Total .. ..	100·0	100·0	100·0	100·0	100·0

METHODS OF SETTLEMENT OF TRADE DISPUTES.

TABLE 45.—NUMBER of DISPUTES and NUMBER of WORKPEOPLE *directly and indirectly* affected, classified according to the METHODS by which the DISPUTES were SETTLED in each of the Years 1896-1900.\*

Method of Settlement.	No. of Disputes.					No. of Workpeople.				
	1896.	1897.	1898.	1899.	1900.*	1896.	1897.	1898.	1899.	1900.*
By arbitration .. ..	19	14	13	16	14	10,276	9,756	3,350	3,319	4,570
By conciliation and mediation.	30	27	30	22	12	10,472	9,544	16,167	8,886	3,807
By direct arrangement or negotiation between the parties or their representatives.	633	624	496	562	439	158,307	187,048	200,926	156,743	153,147
By return to work on employers' terms without negotiation.	114	76	71	23	45	30,587	15,207	17,590	7,054	7,064
By replacement of workpeople.	107	105	96	88	54	7,260	4,307	9,616	3,980	4,998
By closing of works ..	19	7	..	3	4	3,159	1,673	..	95	300
Indefinite or unsettled	4	11	6	6	55	139	2,732	258	640	11,087
Totals .. ..	926	864	711	719	623	198,190	230,267	253,907	180,317	184,773

\* The figures for 1896-9 have been extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs. Those for 1900 are preliminary only and subject to revision.  
† Including disputes begun in 1900 and of which no settlement had been reported at the end of January, 1901.

DISPUTES GROUPED BY DISTRICTS.

TABLE 46.—NUMBER of WORKPEOPLE *directly and indirectly* affected by TRADE DISPUTES in the under-mentioned Districts in each of the Years 1896-1900.\*

District.	Number of Workpeople affected by Trade Disputes.				
	1896.	1897.	1898.	1899.	1900.*
ENGLAND AND WALES.					
Northern Counties .. .. .	28,673	42,367	16,875	9,382	11,869
Yorkshire .. .. .	23,682	25,677	27,249	18,890	15,601
Lancashire and Cheshire ..	20,425	50,325	18,837	26,462	25,194
N. and W. Midland Counties ..	13,655	17,571	23,915	14,628	37,146
S. Midland and E. Counties ..	1,592	3,733	1,590	1,378	2,018
London .. .. .	19,871	9,713	1,993	4,385	11,641
South-Eastern Counties .. ..	787	2,311	599	1,371	2,329
South-Western Counties .. ..	1,891	1,981	335	1,392	374
Wales and Monmouthshire ..	38,364	23,176	113,826	37,580	47,540
TOTAL, ENGLAND AND WALES	157,920	176,854	205,219	117,448	153,715
SCOTLAND .. .. .	31,499	35,722	41,984	59,870	26,727
IRELAND .. .. .	8,604	17,541	6,504	2,839	4,299
ISLE OF MAN .. .. .	77	150	300	10	32
TOTAL, UNITED KINGDOM	198,190	230,287	253,907	180,217	184,773

PERCENTAGE OF WORKING POPULATION INVOLVED IN DISPUTES.

TABLE 47.—PERCENTAGE PROPORTION of WORKING POPULATION engaged in certain GROUPS of TRADES involved in DISPUTES in each of the Years 1896-1900.\*

Group of Trades.	Percentage Proportion of Working Population involved in disputes.†				
	1896.	1897.	1898.	1899.	1900.*
Building .. .. .	4·1	1·8	2·0	3·7	2·2
Mining and Quarrying .. .. .	8·0	5·9	21·1	5·6	8·8
Metal, Engineering and Shipbuilding ..	4·4	8·8	1·9	1·9	1·7
Textile .. .. .	2·7	3·0	2·0	4·9	1·9
Clothing .. .. .	0·7	1·2	0·6	0·4	0·3
Printing .. .. .	0·1	0·3	0·1	0·1	0·2
Woodworking .. .. .	0·9	0·8	0·9	0·4	0·4
Glass, Pottery and Chemical .. .. .	1·0	1·8	0·8	0·4	8·4
Food and Tobacco .. .. .	0·2	0·1	0·2	0·1	0·1
Miscellaneous Trades .. .. .	0·2	0·6	0·2	0·6	0·9
All Trades except Agricultural Labourers, Seamen and Fishermen.	2·4	2·8	3·0	2·2	2·2

\* The figures for 1896-9 have been extracted from the Annual Reports of the Board of Trade on Strikes and Lock-outs. Those for 1900 are preliminary only and subject to revision.  
† The Table is exclusive of agricultural labourers, seamen and fishermen, respecting whom no disputes of any magnitude were recorded. Domestic servants and other non-industrial classes are also excluded. The numbers of the working population on which the percentages are based are taken from the Home Office Returns for 1896, except as regards the building and miscellaneous trades, for which the 1891 Census figures have been used.

### CONCILIATION AND ARBITRATION IN THE SETTLEMENT OF TRADE DISPUTES.

TABLE 48.—NUMBER of STRIKES and LOCK-OUTS settled by CONCILIATION or ARBITRATION in each of the YEARS 1894-1899, so far as the particulars have been ascertained.

NOTE.—The following Table only includes actual trade disputes (strikes or lock-outs) settled, and not the other questions dealt with by conciliation and arbitration (*see* Table 49).

Year and Agency of Settlement.	Settled by Conciliation.		Settled by Arbitration.		Total Number of Disputes settled by Conciliation or Arbitration.	
	Number of Disputes.	Number of Persons Affected.	Number of Disputes.	Number of Persons Affected.	Number of Disputes.	Number of Persons Affected.
<b>By Trade Boards:—</b>						
1894 .. .. .	8	4,194	3	264	11	4,458
1895 .. .. .	6	3,993	3	1,229	9	5,222
1896 .. .. .	11	1,728	..	..	11	1,728
1897 .. .. .	10	3,349	1	60	11	3,409
1898 .. .. .	18	12,664	1	65	19	12,729
1899 .. .. .	5	392	..	..	5	392
<b>By District and General Boards* :—</b>						
1894 .. .. .	1	312	4	518	5	830
1895 .. .. .	..	..	..	..	..	..
1896 .. .. .	..	..	..	..	..	..
1897 .. .. .	1	30	..	..	1	30
1898 .. .. .	..	..	1	28	1	28
1899 .. .. .	5	574	..	..	5	574
<b>By Individuals† :—</b>						
1894 .. .. .	13	4,599	20	9,439	33	14,038
1895 .. .. .	10	57,435	19	6,313	29	63,748
1896 .. .. .	19	8,744	19	10,276	38	19,020
1897 .. .. .	16	6,165	13	9,696	29	15,861
1898 .. .. .	12	3,503	11	3,357	23	6,760
1899 .. .. .	12	7,420	16	3,319	28	10,739
<b>Totals :—</b>						
1894 .. .. .	22	9,105	27	10,221	49	19,326
1895 .. .. .	16	61,428	22	7,542	38	68,970
1896 .. .. .	30	10,472	19	10,276	49	20,748
1897 .. .. .	27	9,544	14	9,766	41	19,300
1898 .. .. .	30	16,167	13	3,350	43	19,517
1899 .. .. .	22	8,396	16	3,319	38	11,705

\* Including disputes settled by Trades Councils and Federations of Trade Unions.  
† Including action by Board of Trade.

# WORK OF PERMANENT CONCILIATION AND ARBITRATION BOARDS.

TABLE 49.—TABLE summarising the WORK of PERMANENT BOARDS of CONCILIATION and ARBITRATION for each of the years 1896-9.

[Compiled from the Annual Reports of the Board of Trade on Strikes and Lock-outs.]

Trade.	1896.	1897.	1898.	1899.
<b>Number of Boards known to have settled Cases.</b>				
<b>TRADE BOARDS :—</b>				
Building ... ..	3	3	3	7
Mining ... ..	10	6	7	7
Iron and Steel ... ..	5	6	6	6
Engineering and Shipbuilding	6	8	8	9
Other Metal Trades ... ..	7	5	4	7
Textile ... ..	2	3	5	...
Boot and Shoe ... ..	13	11	10	11
Other Trades ... ..	3	4	4	3
<b>DISTRICT AND GENERAL BOARDS</b>	1	2	2	3
<b>Total ... ..</b>	<b>50</b>	<b>48</b>	<b>49</b>	<b>53</b>
<b>Number of Cases considered by Boards.*</b>				
<b>TRADE BOARDS :—</b>				
Building ... ..	9	4	10	13
Mining ... ..	950	955	877	829
Iron and Steel ... ..	48	47	65	45
Engineering and Shipbuilding	53	82	57	98
Other Metal Trades ... ..	10	8	14	20
Textile ... ..	12	18	31	...
Boot and Shoe ... ..	330	314	195	175
Other Trades ... ..	39	18	64	43
<b>DISTRICT AND GENERAL BOARDS</b>	5	8	7	9
<b>Total ... ..</b>	<b>1,456</b>	<b>1,454</b>	<b>1,320</b>	<b>1,232</b>
<b>Number of Cases settled by Boards.*</b>				
<b>TRADE BOARDS :—</b>				
Building ... ..	9	3	7	9
Mining ... ..	413	415	433	367
Iron and Steel ... ..	38	35	53	30
Engineering and Shipbuilding	48	70	51	81
Other Metal Trades ... ..	9	7	12	17
Textile ... ..	9	14	17	...
Boot and Shoe ... ..	251	232	137	125
Other Trades ... ..	36	16	59	42
<b>DISTRICT AND GENERAL BOARDS</b>	5	6	6	4
<b>Total ... ..</b>	<b>818</b>	<b>798</b>	<b>775</b>	<b>575</b>

\* So far as reported.

PRODUCTION.

MINERAL PRODUCTION.—GENERAL SUMMARY.

TABLE 50.—PRODUCTION of the under-mentioned MINERALS in the UNITED KINGDOM in each of the Years 1885 to 1899, inclusive.

[Compiled from the Annual Volumes of Mineral Statistics of the United Kingdom.]

Year.	Coal.	Iron Stone and Iron Ore.	Clays (except ordinary Clay).	Oil Shale.	Salt.	Slates and Slabs.	Lead Ore.	Tin Ore.	Zinc Ore.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1885	159,351,418	15,417,962	2,531,198	1,770,413	2,207,683	468,954	51,302	14,376	24,668
1886	157,518,482	14,110,013	2,390,440	1,728,503	2,142,220	456,208	53,420	14,232	23,156
1887	162,119,812	13,098,041	2,413,693	1,411,378	2,193,951	464,334	51,563	14,189	25,445
1888	169,935,219	14,590,713	2,562,792	2,076,469	2,305,569	471,788	51,259	14,370	26,408
1889	178,916,724	14,546,105	3,036,253	2,014,860	1,946,496	458,436	48,465	13,809	23,202
1890	181,614,288	13,780,767	3,308,214	2,212,250	2,146,849	434,352	45,651	14,911	22,041
1891	185,479,126	12,777,689	3,222,035	2,361,119	2,043,571	415,029	43,859	14,488	22,216
1892	181,786,871	11,312,675	3,103,852	2,069,937	1,956,524	418,241	40,024	14,357	23,880
1893	164,325,795	11,203,476	3,065,208	1,956,520	1,924,029	438,993	40,808	13,689	23,754
1894	183,277,525	12,367,308	3,263,768	1,966,385	2,235,912	461,673	40,599	12,910	21,621
1895	189,661,362*	12,615,414	9,796,086†	2,246,865	2,173,253	581,760‡	38,412	10,612	17,478
1896	195,361,280*	13,700,764	11,341,782†	2,419,535	2,022,357	566,933‡	41,069	7,668	19,319
1897	202,129,931*	13,787,878	12,705,196†	2,223,745	1,903,493	609,194‡	35,338	7,120	19,278
1898	202,054,516*	14,176,938	14,738,474†	2,137,993	1,878,665	668,859‡	32,985	7,380	23,552
1899	220,094,781*	14,461,330	15,064,857†	2,210,824	1,914,893	639,840‡	30,999	6,392	23,135

\* Including 8,800 tons in 1895, 9,509 tons in 1896, 10,735 tons in 1897, 12,273 tons in 1898, and 9,413 tons in 1899 obtained from quarries and returned under the Quarries Act of 1894.  
† Including a large quantity of ordinary brick clay returned under the Quarries Act, which Act only came into operation in 1895.  
‡ The difference between the figures for 1895-99 and those for previous years is mainly accounted for by more complete returns from quarries, a result due to the passing of the Quarries Act of 1894.



PRODUCTION OF COAL.

TABLE 51.—PRODUCTION of COAL from MINES under the COAL MINES REGULATION ACT in the under-mentioned DISTRICTS in each of the YEARS 1885 to 1900 inclusive.

[Compiled from the Annual Volumes of Mineral Statistics of the United Kingdom.]

Year.	United Kingdom.	PRINCIPAL COAL DISTRICTS.						
		York-shire.	Lan-cashire and Cheshire.	Mid-lands.*	South Wales and Mon-mouth.	Durham.	North-umber-land.	West of Scotland.
	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.	1,000's of Tons.
1885	159,351	18,502	21,275	32,479	24,343	27,737	7,355	16,974
1886	157,518	19,393	21,269	30,833	24,204	27,481	7,305	15,969
1887	182,190	20,109	21,502	31,684	26,046	28,858	5,659†	16,664
1888	169,925	20,580	21,814	33,360	27,355	29,665	8,002	17,793
1889	176,917	21,976	22,328	35,265	28,064	30,307	8,794	18,137
1890	181,614	22,339†	22,801†	35,906†	29,415	30,265	9,446	18,747
1891	185,479	22,794	23,399	37,537	29,993	29,808	9,331	19,642
1892	181,787	23,190	23,023	37,331	31,208	28,834†	9,529	21,162
1893	164,326	15,956†	16,476†	30,521†	30,155†	30,819	9,113	19,510†
1894	188,278	23,446	23,906	36,547	33,418	32,567	9,541	16,796†
1895	189,653	22,811	22,764	35,454	33,040	31,133	8,695	22,204
1896	195,352	23,943	23,386	36,977	33,868	32,763	9,028	22,026
1897	202,119	24,063	23,551	38,869	35,806	33,819	9,768	22,235
1898	202,642	25,636	25,031	41,135	26,724†	34,737	10,571	22,870
1899	220,965	26,904	25,109	43,071	39,870	34,871	11,184	23,175
1900‡	225,179	28,247	25,542	44,743	39,328	34,801	11,515	24,244

\* Staffordshire, Nottinghamshire, Leicestershire, Worcestershire, Shropshire, Derbyshire and Warwickshire.  
† In these years there were important labour disputes, which interfered with production in the districts referred to.  
‡ The figures for 1900 are preliminary only and subject to correction.

PRODUCTION OF IRONSTONE AND IRON ORE.

TABLE 52.—PRODUCTION of IRONSTONE and IRON ORE in the under-mentioned DISTRICTS in each of the Years 1885 to 1899, inclusive.

[Compiled from the Annual Volumes of Mineral Statistics of the United Kingdom.]

Year.	United Kingdom.	PRINCIPAL DISTRICTS.					
		Cum-berland and Lancashire	Yorkshire.	Lincoln-shire and Leicester-shire.	Northamp-tonshire.	Stafford-shire and Shrop-shire.	Scotland.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1885	15,417,982	2,438,294	6,058,840	1,499,053	1,180,000	2,007,191	1,838,423
1886	14,119,913	2,477,848	5,462,564	1,584,308	996,440	1,728,955	1,507,534
1887	13,998,941	2,673,020	5,062,289	1,678,702	935,473	1,038,618	1,321,899
1888	14,599,712	2,679,817	5,463,090	1,890,932	1,066,746	1,820,868	1,238,597
1889	14,546,105	2,616,451	5,728,314	2,143,548	1,257,080	1,307,308	1,061,734
1890	13,789,767	2,399,626	5,695,006	1,662,373	1,278,381	1,271,569	998,835
1891	12,777,689	2,394,990	5,206,322	1,860,256	1,043,541	1,125,313	748,336
1892	11,312,675	2,201,333	3,493,216	2,140,389	1,120,365	1,098,684	872,435
1893	11,293,476	2,229,062	4,713,278	1,510,210	719,071	863,375	847,406
1894	12,367,398	2,157,207	5,116,157	2,122,312	1,130,773	893,155	631,304
1895	12,615,414	2,013,735	5,331,255	2,143,013	1,082,252	904,759	834,673
1896	13,709,764	2,096,128	5,734,892	2,279,621	1,263,650	973,001	983,670
1897	13,787,878	2,077,927	5,730,073	2,480,016	1,264,915	962,217	936,550
1898	14,176,938	2,001,191	5,785,588	2,544,419	1,406,150	1,145,267	624,219
1899	14,461,330	1,808,674	5,672,166	2,771,997	1,779,710	1,096,269	643,565

PRODUCTION.

PRODUCTION OF PIG IRON.

TABLE 53.—TONNAGE of PIG IRON made in the UNITED KINGDOM in each of the YEARS 1895 to 1899 inclusive, classified by DISTRICTS.

[Compiled from the Annual Volumes of Mineral Statistics of the United Kingdom.]

Year.	ENGLAND and WALES.								SCOTLAND.	Total, United Kingdom.
	Cumber- land and Lancashire	Durham and Yorkshire (North Riding).	West Riding of Yorkshire.	Lincoln- shire (including Leicester- shire).	Midlands.	Glamorgan and Monmouth.	Other Districts.	Total, England and Wales.		
Thousands of Tons.										
1886	1,384	2,478	166	235	1,292	793	64	6,412	1,008	7,416
1886	1,410	2,437	137	242	1,113	667	68	6,074	996	7,010
1887	1,701	2,524	179	252	1,138	768	66	6,628	952	7,560
1888	1,606	2,631	191	299	1,306	871	73	6,971	1,028	7,999
1889	1,662	2,783	229	336	1,403	827	106	7,345	978	8,323
1890	1,570	2,838	248	368	1,314	825	104	7,187	757	7,944
1891	1,440	2,631	228	285	1,295	761	92	6,732	674	7,406
1892	1,199	1,945	261	280	1,288	684	80	5,737	972	6,709
1893	1,297	2,714	155	217	1,056	680	65	6,184	793	6,977
1894	1,296	2,974	225	343	1,183	709	55	6,785	642	7,427
1895	1,189	2,926	195	349	1,249†	705	41	6,654	1,049	7,703
1896	1,452	3,212	290	361	1,402†	780	49	7,546	1,114	8,660
1897	1,526	3,196*	295	363	1,420†	805	53	7,660	1,136	8,796
1898	1,619	3,199*	297	382	1,496†	495	59	7,547	1,063	8,610
1899	1,699	3,251*	305	409	1,590†	929	67	8,250	1,171	9,421

\* Including Northumberland, in which county, however, an average of  $\frac{1}{2}$  furnace only was in blast in 1899 compared with 96 $\frac{1}{2}$  in the rest of the district.

† Including Wiltshire, which in previous years was included under "Other Districts." In 1899, however, the average number of furnaces in blast in Wiltshire was 1 only as compared with about 100 in the rest of the District.

### PRODUCTION OF STEEL AND PUDDLED IRON.

TABLE 54.—TONNAGE of STEEL INGOTS and of PUDDLED IRON BARS made in the UNITED KINGDOM in each of the YEARS 1885 to 1899.

(Compiled from Statistics published by the British Iron Trade Association in the "Iron and Coal Trades Review.")

Year.	STEEL INGOTS.			PUDDLED IRON BARS.
	Bessemer Process.	Open-Hearth Process.	Total.	
	Tons.	Tons.	Tons.	Tons.
1885	1,304,127	583,918	1,888,045	1,911,125
1886	1,570,520	694,150	2,264,670	1,616,701
1887	2,064,403	981,104	3,045,507	1,701,812
1888	2,012,794	1,292,742	3,305,536	2,031,473
1889	2,140,791	1,429,169	3,569,960	2,253,756
1890	2,014,848	1,564,200	3,579,048	1,923,221
1891	1,642,005	1,514,538	3,156,543	1,733,902
1892	1,500,810	1,418,830	2,919,640	1,560,697
1893	1,493,454	1,456,325	2,949,779	1,363,974
1894	1,535,364	1,575,318	3,110,682	1,339,062
1895	1,284,765	1,724,737	3,009,502	1,148,012
1896	1,815,842	2,317,555	4,133,397	1,214,005
1897	1,884,155	2,601,806	4,485,961	1,238,159
1898	1,759,386	2,806,600	4,565,986	1,115,699
1899	1,825,074	3,030,251	4,855,325	1,201,606

SHIPBUILDING—(A.)—MERCHANT SERVICE.\*

TABLE 55.—NET TONNAGE of VESSELS (including Mercantile and War Vessels for Foreigners, but excluding War Vessels for Her Majesty's Government) built at the under-mentioned Shipbuilding Centres of the UNITED KINGDOM, and launched in each of the Years 1885 to 1899.

[Compiled from the Annual Statements of the Navigation and Shipping of the United Kingdom, issued by the Board of Trade.]

Year.	Clyde.	North-east Coast of England (Tyne, Wear and Tees).	Barrow and Liverpool.	Belfast.	Other Districts.	Total, United Kingdom.
	TONS NET.					
1885	160,915	157,429	24,707	26,653	71,308	441,012
1886	120,128	105,291	25,538	18,678	61,893	331,528
1887	125,676	173,447	14,008	15,215	48,852	377,198
1888	151,710	302,212	14,322	31,912	73,791	573,947
1889	225,963	438,345	41,491	47,954	100,976	854,729
1890	228,427	405,499	25,319	44,677	108,716	812,638
1891	200,836	399,471	35,196	63,020	110,970	809,493
1892	233,162	377,711	33,990	64,761	91,924	801,548
1893	179,270	280,689	19,693	55,579	49,443	584,674
1894	219,925	320,929	16,983	63,000	48,655	669,492
1895	199,181	324,115	4,948	62,467	56,923	647,634
1896	224,967	405,548	6,795	43,205	56,299	736,814
1897	192,580	306,223	5,210	72,818	67,866	644,697
1898	235,821	450,346	10,633	85,968	87,840	870,608
1899	254,379	500,980	13,187	88,062	97,402	949,010

\* Including War Vessels for foreigners.

SHIPBUILDING—(B.)—ROYAL NAVY.

TABLE 56.—DISPLACEMENT TONNAGE of VESSELS built for the Royal Navy at the under-mentioned Royal Dockyards and Shipbuilding Centres of the UNITED KINGDOM, and launched in each of the Years 1885 to 1900.

[Compiled from Returns furnished by the Admiralty.]

Year.	ROYAL DOCKYARDS.		PRIVATE YARDS.					Total, United King- dom.
	Chat- ham and Sheer- ness.	Porte- mouth, Devon- port, and Pembroke.	Clyde.	North- east Coast of Eng- land.	Barrow and Liver- pool.	Belfast.	Other Dis- tricts.	
TONS (DISPLACEMENT).								
1885	14,340	25,005	3,060	2,800	...	...	10,000	55,205
1886	...	14,335	13,150	16,340	1,880	1,340	250	47,295
1887	7,265	22,130	5,600	10,470	...	...	10,470	55,935
1888	8,015	20,540	5,900	...	...	...	...	34,455
1889	15,495	20,660	6,760	6,620	...	...	...	49,535
1890	4,870	18,158	6,800	11,405	13,800	...	9,510	64,543
1891	28,500	39,600	14,200	18,150	...	...	6,800	107,250
1892	13,740	36,710	21,850	36,000	18,200	...	14,800	141,300
1893	9,790	22,666	...	...	290	...	3,564	36,310
1894	16,820	9,880	908	...	1,445	...	1,815	30,868
1895	20,500	49,850	41,850	3,415	21,780	...	1,139	138,534
1896	19,170	47,050	23,774	3,935	22,923	...	1,240	118,092
1897	7,885	23,950	12,690	8,490	13,170	...	1,370	67,555
1898	29,910	41,085	41,215	3,150	12,070	...	13,965*	141,395
1899	17,200	49,700	28,056	1,015	26,610	...	312	122,893
1900	3,030	2,200	14,020	2,685	15,060	...	788	37,783

\* Including a vessel of 12,950 tons displacement launched in the Thames.

AGRICULTURE.—(A.)—PRODUCTION OF CROPS.

TABLE 57.—STATEMENT showing for each YEAR from 1887 to 1899, inclusive, the ESTIMATED TOTAL PRODUCE of the under-mentioned CROPS in the UNITED KINGDOM (excluding the ISLE OF MAN and CHANNEL ISLANDS).

[Compiled from the Returns issued by the Board of Agriculture.]

Year.	Principal Corn Crops.				Principal Green Crops.		Hay of all Sorts.	Hops.
	Wheat.	Barley or Bere.	Oats.	Beans and Peas.	Potatoes.	Turnips, Swedes, and Mangold.		
	Bushels.	Bushels.	Bushels.	Bushels.	Tons.	Tons.	Tons.	Cwts.
1887	76,224,940	69,948,266	150,789,416	14,096,233	7,134,296	28,345,205	11,492,716	457,515
1888	74,493,133	74,545,549	157,975,675	15,706,573	5,562,331	34,880,954	15,132,585	261,291
1889	75,983,611	74,703,755	164,078,736	15,296,049	6,435,387	38,747,363	16,284,879	497,811
1890	75,993,883	80,793,525	171,295,404	18,172,543	4,622,214	38,711,067	14,496,067	263,629
1891	74,742,700	79,555,069	166,472,428	16,471,821	6,090,047	37,299,803	12,671,447	436,716
1892	60,775,245	76,939,135	168,181,197	12,062,769	5,633,954	38,846,924	11,516,481	413,259
1893	50,912,847	65,745,992	168,586,121	9,619,493	6,540,593	36,335,770	9,062,088	414,929
1894	60,704,382	78,600,635	190,862,714	13,426,806	4,662,147	37,987,555	15,699,883	636,846
1895	38,285,107	75,028,474	174,476,182	10,358,220	7,064,634	35,597,441	12,237,604	558,396
1896	58,247,008	77,824,701	162,856,779	11,469,429	6,263,235	33,912,004	11,416,171	453,188
1897	56,296,774	72,613,455	163,556,156	11,900,157	4,106,809	37,164,673	14,042,703	411,066
1898	74,886,280	74,780,785	172,578,273	12,124,772	6,224,780	33,726,999	15,915,666	366,616
1899	67,280,599	74,532,406	166,189,840	11,996,982	5,837,008	27,973,536	12,896,207	661,373

## PRODUCTION.

## AGRICULTURE—(B.)—ACREAGE UNDER

TABLE 58.—STATEMENT showing for each YEAR from 1887 to 1899, inclusive  
with the NUMBER of LIVE STOCK in the UNITED KINGDOM

[Compiled from the Returns issued]

Description of Crops and Live Stock.	1887.	1888.	1889.	1890.	1891.
	Acres.	Acres.	Acres.	Acres.	Acres.
<b>TOTAL CULTIVATED AREA.</b>	<b>47,874,369</b>	<b>47,876,814</b>	<b>47,981,165</b>	<b>48,045,755</b>	<b>48,179,473</b>
<b>CORN CROPS.</b>					
Wheat .. .. .	2,387,518	2,668,226	2,544,549	2,483,506	2,392,245
Barley or Bere .. .. .	2,255,266	2,264,448	2,316,044	2,300,994	2,298,978
Oats .. .. .	4,418,947	4,177,121	4,140,563	4,137,790	4,128,127
Rye .. .. .	65,947	89,176	85,281	69,458	60,148
Beans and Peas .. .. .	607,732	598,726	550,917	582,412	564,011
<b>Total .. .. .</b>	<b>9,735,400</b>	<b>9,795,697</b>	<b>9,637,354</b>	<b>9,574,249</b>	<b>9,443,509</b>
<b>GREEN CROPS.</b>					
Potatoes.. .. .	1,387,125	1,406,484	1,377,451	1,321,272	1,296,763
Turnips, Swedes and Mangold ..	2,685,549	2,654,100	2,597,388	2,629,533	2,633,980
Other green crops (except Clover or Grass).	664,005	668,607	586,921	583,340	579,910
<b>Total .. .. .</b>	<b>4,716,679</b>	<b>4,729,191</b>	<b>4,541,760</b>	<b>4,534,145</b>	<b>4,510,653</b>
<b>OTHER CROPS, GRASS, &amp;C.</b>					
Flax .. .. .	133,904	115,796	116,192	99,326	76,477
Hops .. .. .	63,709	58,494	57,749	54,555	56,145
Bare fallow .. .. .	498,992	473,116	531,010	524,112	451,402
Clover, sainfoin, and grasses under rotation:—					
For Hay .. .. .	2,975,094	2,934,783	3,162,062	2,938,680	2,738,170
Not for Hay .. .. .	3,051,852	3,044,568	3,026,440	3,158,530	3,276,867
<b>Total .. .. .</b>	<b>6,026,946</b>	<b>5,979,351</b>	<b>6,188,502</b>	<b>6,097,210</b>	<b>6,015,037</b>
Permanent pasture (exclusive of heath or mountain land):—					
For Hay .. .. .	6,077,680	6,380,013	6,512,730	6,248,352	5,973,489
Not for Hay .. .. .	20,621,079	20,318,216	20,303,362	20,867,073	21,593,639
<b>Total .. .. .</b>	<b>26,698,759</b>	<b>26,698,229</b>	<b>26,816,092</b>	<b>27,115,425</b>	<b>27,567,128</b>
<b>LIVE STOCK.</b>	No.	No.	No.	No.	No.
Horses, used solely for agriculture, mares kept solely for breeding, and unbroken horses.	1,936,925	1,936,702	1,945,386	1,964,911	2,026,170
Cattle .. .. .	10,639,960	10,268,600	10,372,785	10,789,858	11,343,696
Sheep .. .. .	29,401,750	28,938,716	29,484,774	31,667,195	33,533,988
Pigs .. .. .	3,720,967	3,815,643	3,905,865	4,362,040	4,272,764



PRODUCTION.

75

CROPS AND NUMBER OF LIVE STOCK.

the ACREAGE of LAND under the under-mentioned CROPS, GRASS, &c., together (including the ISLE OF MAN and CHANNEL ISLANDS),  
by the Board of Agriculture.]

1882.	1883.	1884.	1885.	1886.	1887.	1888.	1889.
Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
47,977,903	47,979,698	47,919,830	47,883,133	47,882,099	47,868,553	47,792,474	47,795,270
2,296,607	1,966,213	1,980,228	1,456,042	1,734,118	1,838,956	2,158,465	2,055,283
2,220,243	2,261,293	2,268,193	2,346,367	2,285,933	2,213,529	2,068,760	2,159,596
4,238,036	4,436,944	4,524,167	4,527,899	4,303,967	4,226,231	4,097,791	4,109,964
61,892	69,526	102,676	80,293	88,634	89,621	81,285	64,440
510,428	459,204	490,613	454,737	449,956	421,755	410,455	414,516
9,328,701	9,171,180	9,365,877	8,865,338	8,862,608	8,890,092	8,818,756	8,803,599
1,276,636	1,262,674	1,252,055	1,262,766	1,281,319	1,194,194	1,201,417	1,222,614
2,659,332	2,661,016	2,662,448	2,626,094	2,582,465	2,559,790	2,496,317	2,487,729
530,948	519,065	571,589	511,089	555,490	573,584	563,707	563,720
4,467,115	4,462,755	4,486,092	4,399,949	4,429,264	4,527,568	4,361,441	4,374,063
72,065	68,715	102,622	97,225	74,098	46,995	35,361	35,463
56,259	57,565	59,535	58,940	54,249	50,863	49,785	51,843
494,434	536,908	395,682	494,505	450,946	405,282	399,202	361,835
2,772,065	2,701,846	2,776,226	2,952,636	2,840,372	2,937,607	3,047,585	2,862,544
3,201,391	3,214,503	3,086,528	3,108,503	3,120,077	3,215,191	3,163,427	3,253,288
5,973,456	5,916,349	5,862,754	6,061,139	5,960,449	6,152,796	6,211,012	6,106,833
6,018,308	5,803,011	6,406,260	6,327,226	6,193,968	6,055,699	6,065,269	5,839,379
21,515,018	21,897,370	21,170,140	21,503,869	21,779,700	21,869,011	21,913,400	22,261,293
27,583,526	27,700,361	27,578,400	27,831,117	27,973,688	27,924,710	27,978,699	28,100,672
No.	No.	No.	No.	No.	No.	No.	No.
2,067,549	2,079,587	2,092,290	2,112,307	2,115,440	2,069,652	2,040,330	2,028,092
11,519,417	11,207,554	10,780,796	10,753,314	10,941,655	11,004,034	11,149,212	11,344,696
33,642,908	31,774,824	30,037,818	29,774,853	30,853,789	30,567,061	31,102,359	31,680,226
3,265,898	3,278,030	3,794,043	4,238,870	4,300,960	3,682,819	3,719,219	4,008,589

## FLUCTUATIONS MEMBERS OF TRADE

TABLE 59.—PERCENTAGE NUMBER of MEMBERS of the TRADE  
Board of Trade who were returned as UNEMPLOYED at the  
[Compiled from Returns]

At end of	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
<b>All Trade Unions Making Returns.</b>													
January ..	7'8	3'1	1'4	3'4	5'0	10'0	7'0	8'2	4'5	3'3	5'0	3'0	2'7
February ..	7'0	2'8	1'4	2'8	5'7	9'5	6'3	7'9	3'8	3'0	4'4	2'6	2'9
March ..	5'7	2'2	1'7	2'8	5'7	8'7	6'5	6'5	3'5	2'5	3'1	2'5	2'3
April ..	5'2	2'0	2'0	2'7	5'4	6'9	6'1	6'5	3'2	2'5	2'9	2'2	2'5
May ..	4'8	2'0	2'0	3'0	5'9	6'2	6'3	6'0	3'3	2'3	2'7	2'5	2'4
June ..	4'6	1'8	1'9	2'9	5'2	5'8	6'3	5'6	3'2	3'7	2'6	2'3	2'6
July ..	3'9	1'7	2'3	3'3	5'0	6'2	7'4	5'3	3'1	2'7	2'6	2'3	2'7
August ..	4'8	2'5	2'3	4'2	5'1	7'1	7'7	5'2	3'4	3'5	2'8	2'3	3'0
September ..	4'4	2'1	2'6	4'5	6'2	7'3	7'6	4'9	3'6	4'4	2'6	2'4	3'6
October ..	4'4	1'8	2'6	4'4	7'3	7'3	7'4	4'9	3'3	4'7	2'5	2'3	3'3
November ..	3'1	1'5	2'4	3'8	8'3	7'2	7'0	4'3	2'9	4'8	2'3	2'2	3'2
December ..	3'3	1'7	3'0	4'4	10'2	7'9	7'7	4'8	3'2	5'3	2'9	2'5	4'0
Mean for Year	4'9	2'1	2'1	3'5	6'3	7'5	6'9	5'8	3'4	3'5	3'0	2'4	2'9
<b>Building Trades (Carpenters and Plumbers only*).</b>													
January ..	3'4	6'0	3'3	5'0	3'3	6'1	7'3	8'2	3'7	2'4	2'0	1'7	2'7
February ..	10'1	6'7	3'0	5'5	3'8	5'0	4'4	10'1	2'5	2'0	1'7	1'5	3'1
March ..	10'7	6'4	3'0	3'0	4'4	3'8	3'8	4'9	2'6	1'2	1'6	1'6	2'6
April ..	3'5	4'7	2'8	2'8	4'5	2'5	3'1	3'3	1'5	1'0	1'1	1'3	2'2
May ..	5'2	3'7	2'0	1'5	2'8	2'5	3'6	2'5	1'6	0'8	1'2	1'3	1'9
June ..	3'5	1'9	1'6	2'5	2'3	2'6	3'8	2'5	1'5	1'5	1'2	1'5	2'0
July ..	2'8	1'7	1'8	1'9	2'3	2'8	3'6	2'4	1'8	1'3	1'0	1'1	1'8
August ..	5'3	1'7	2'0	1'1	2'1	2'8	3'2	1'8	1'1	1'2	0'9	1'2	1'8
September ..	3'4	1'5	1'5	1'9	2'1	3'1	3'6	1'6	1'3	1'4	0'9	1'3	2'1
October ..	3'3	1'5	1'4	1'3	2'4	3'9	3'8	1'9	0'9	1'7	0'9	1'1	2'5
November ..	3'2	1'6	1'5	1'4	3'2	4'0	4'2	2'1	0'9	1'6	1'1	1'5	3'3
December ..	3'3	1'7	1'9	1'5	3'0	6'5	5'7	3'8	2'1	2'8	1'8	2'5	4'2
Mean for Year	5'5	3'3	2'2	2'5	3'0	3'8	4'1	3'8	1'8	1'6	1'3	1'5	2'5

\* The other trade unions connected with the building trades do not, as a rule, pay of their members.

IN EMPLOYMENT.

UNIONS UNEMPLOYED.

UNIONS in the UNITED KINGDOM furnishing Returns to the  
CLOSE of EACH MONTH in the under-mentioned YEARS.  
*furnished by Trade Unions.*

At end of	1888.	1889.	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.
Metal, Engineering, and Shipbuilding Trades.													
January ..	9'2	3'3	1'8	3'2	5'5	12'0	10'7	11'4	5'7	3'5	7'7	3'0	2'2
February ..	7'8	2'8	1'3	3'5	6'1	11'6	9'7	10'7	4'7	3'1	7'0	2'5	2'4
March ..	6'5	2'6	1'2	2'8	7'2	10'8	10'5	9'2	4'1	2'9	4'5	3'6	2'3
April ..	5'9	2'0	1'6	3'1	7'5	10'4	10'1	8'7	3'8	2'9	4'0	2'2	2'3
May ..	5'8	2'2	1'7	3'4	7'2	10'5	10'0	8'1	3'8	2'5	3'2	2'4	2'1
June ..	5'5	2'6	2'1	3'7	7'0	10'0	9'9	7'8	3'7	2'9	3'1	2'1	2'4
July ..	6'7	2'1	2'2	3'4	7'3	10'7	12'0	7'5	3'7	3'4	3'3	2'2	2'4
August ..	5'3	1'9	2'6	4'3	7'1	11'4	12'5	7'3	4'1	4'8	3'3	2'3	2'6
September ..	5'4	2'1	2'6	5'2	7'3	12'2	12'4	7'2	4'7	6'7	3'1	2'3	2'7
October ..	5'3	2'7	3'3	5'5	8'7	12'2	12'3	7'6	4'2	7'9	3'0	2'5	2'8
November ..	4'5	1'6	3'1	6'1	10'5	12'4	11'5	6'4	3'8	8'0	2'6	2'3	3'5
December ..	3'8	1'4	3'0	5'3	11'1	12'6	12'3	6'7	3'9	8'7	3'2	2'5	3'9
Mean for Year	6'0	2'3	2'2	4'1	7'7	11'4	11'2	8'2	4'2	4'8	4'0	2'4	2'6
Printing and Bookbinding Trades.													
January ..	0'7	1'5	1'8	3'7	4'6	3'8	6'1	5'3	5'4	4'8	4'9	4'4	4'3
February ..	2'3	2'3	1'9	3'0	5'0	3'3	5'7	4'8	4'9	4'4	3'6	3'5	4'3
March ..	2'1	1'5	1'6	1'8	2'9	2'8	5'4	4'9	4'6	3'6	3'0	3'3	3'6
April ..	2'0	1'2	1'6	4'8	2'9	2'6	4'9	5'4	4'4	3'7	3'1	3'0	4'1
May ..	2'0	1'6	0'8	2'3	2'3	2'6	6'0	5'6	4'8	3'4	3'6	3'9	4'4
June ..	1'4	1'6	1'9	2'7	3'4	2'8	6'4	5'5	4'8	4'4	3'8	4'0	4'6
July ..	1'7	2'7	1'7	4'3	3'2	3'0	6'1	4'1	3'8	3'1	3'0	3'9	3'9
August ..	4'3	2'6	2'5	4'3	4'3	6'3	7'5	6'7	5'6	5'3	4'6	5'9	5'6
September ..	4'4	4'1	5'0	8'0	4'3	6'3	6'5	5'7	5'0	5'4	4'6	5'1	4'2
October ..	4'2	6'7	4'1	7'0	7'7	5'2	5'1	3'8	3'4	3'5	3'3	3'5	4'5
November ..	3'0	2'7	1'8	4'3	6'3	3'8	3'7	2'5	2'3	2'5	2'4	2'2	2'8
December ..	0'9	0'9	2'0	1'7	3'7	6'0	4'5	4'1	3'0	3'1	3'9	3'5	4'4
Mean for Year	2'4	2'5	2'2	4'0	4'3	4'1	5'7	4'9	4'3	3'9	3'7	3'9	4'2

unemployed benefit, and consequently do not keep an exact record of the number out of work.

**ENGINEERING TRADE.—AVERAGE LOSS OF TIME  
THROUGH WANT OF EMPLOYMENT.**

**TABLE 60.—NUMBER of WORKING DAYS lost through WANT of EMPLOYMENT by the members of the AMALGAMATED SOCIETY of ENGINEERS in the MANCHESTER and LEEDS DISTRICTS, and the NUMBER and PROPORTION of MEMBERS returned as UNEMPLOYED during the year\* for each of the YEARS 1889 to 1895.**

*[Based on the entries in the "Vacant Books" of the Amalgamated Society of Engineers.]*

	1889.	1890.	1891.	1892.	1893.	1894.	1895.
Mean number of Members in Districts (excluding Superannuated Members).	5,988	6,344	6,090	6,956	6,934	7,045	7,265
Number of Members who were unemployed for some time during the year.*	1,079	1,356	2,593	2,770	1,832	1,939	1,708
Percentage ..	18'0	21'4	38'8	39'8	26'4	27'5	23'5
Average number of Members unemployed at the same time during the year.	128	134	307	530	706	627	333
Percentage ..	2'1	2'1	4'6	7'5	10'2	8'9	5'3
Aggregate number of working days lost through want of employment.	39,029	40,825	93,481	159,791	215,874	191,484	116,777
Number of working days lost per member.	6'5	6'4	14'0	23'0	31'1	27'2	16'1
Average number of working days lost by those Members who were unemployed for some period during the year.	36'2	30'1	36'1	57'7	117'8	98'8	68'4

\* The numbers unemployed do not include members who lost less than three days in the year.

ENGINEERING TRADE.—CLASSIFICATION OF WORKPEOPLE  
ACCORDING TO TIME LOST.

TABLE 61.—NUMBER of MEMBERS of the AMALGAMATED SOCIETY of ENGINEERS, in the MANCHESTER and LEEDS DISTRICTS, who lost the under-mentioned NUMBER OF WORKING DAYS through WANT of EMPLOYMENT during each of the YEARS 1889 to 1895.

[Based on entries in the "Vacant Books" of the Amalgamated Society of Engineers.]

	1889.	1890.	1891.	1892.	1893.	1894.	1895.	Mean of Seven Years.	
								Num-ber.	Percent-age of Total Member-ship.
Number who lost not more than 2 days ..	4,909	4,988	4,097	4,186	5,102	5,106	5,557	4,849	71·9
Number who lost 3 days and under a week	151	211	491	264	75	150	24	195	2·9
"    "    1 week and under 4 weeks	580	684	1,077	950	328	432	495	642	9·5
"    "    1 weeks    "    8    "	181	221	415	474	164	181	364	286	4·2
"    "    "    12    "	69	102	196	314	145	129	220	168	2·5
"    "    "    16    "	43	43	139	197	161	204	173	137	2·0
"    "    "    20    "	23	23	87	156	205	188	157	120	1·8
"    "    "    24    "	18	22	60	102	110	125	68	72	1·1
"    "    "    28    "	14	17	37	74	56	67	44	44	0·6
"    "    "    32    "	14	11	28	52	80	107	29	46	0·7
"    "    "    36    "	9	4	16	56	174	90	34	55	0·8
"    "    "    40    "	5	6	19	34	71	72	19	32	0·5
"    "    "    44    "	5	2	12	38	73	61	25	31	0·5
"    "    "    48    "	3	3	6	20	60	42	18	22	0·3
"    "    48 weeks and above ..	14	7	10	39	130	91	38	47	0·7
Mean Number of Members (exclusive of Superannuated Members)	5,968	6,344	6,690	6,956	6,934	7,045	7,265	6,746	100·0

**LONDON DOCK AND**  
**TABLE 62.—ESTIMATED Daily Average NUMBER of DOCK and WHARF**  
**of LONDON in each WEEK of the YEAR 1900,**  
*[Compiled from Returns furnished by Dock*

Period of Year.	Dock Labourers.	Wharf Labourers (Employed at 115 Wharves).	Total Labourers included in Returns.	Corresponding totals in			
			1900.	1899.	1898.	1897.	
1900.							
Week ending :—							
January 6 ...	9,566	6,078	15,644	15,001	15,588	16,584	
" 13 ...	9,394	6,210	15,604	15,972	16,051	16,924	
" 20 ...	9,490	6,295	15,785	16,015	17,018	16,425	
" 27 ...	9,805	6,211	16,016	15,385	16,674	16,561	
Average ...	9,564	6,198	15,768	15,593	16,328	16,623	
February 3 ...							
" 10 ...	8,613	6,381	14,994	13,798	14,198	16,010	
" 17 ...	7,691	6,274	13,965	13,768	14,167	15,041	
" 24 ...	7,016	6,254	13,270	14,018	14,188	14,715	
" 24 ...	8,301	6,300	14,601	13,761	13,674	14,484	
Average ...	7,905	6,302	14,207	13,836	14,057	15,062	
March 3 ...							
" 10 ...	8,808	6,234	15,042	13,170	13,707	14,075	
" 17 ...	9,743	6,303	16,046	13,919	14,531	15,343	
" 24 ...	9,279	6,155	15,434	13,484	14,431	14,394	
" 31 ...	8,357	5,963	14,320	13,730	14,689	15,647	
" 31 ...	7,796	6,049	13,845	13,819	14,216	14,976	
Average ...	8,796	6,141	14,927	13,618	14,315	14,887	
April 7 ...							
" 14 ...	7,706	5,931	13,637	14,311	13,908	14,267	
" 21 ...	8,364	5,784	14,148	14,209	15,361	13,693	
" 28 ...	8,560	5,730	14,290	13,281	14,753	14,694	
" 28 ...	8,643	6,000	14,643	14,143	13,819	14,234	
Average ...	8,305	5,871	14,176	13,972	14,444	14,225	
May 5 ...							
" 12 ...	7,761	5,857	13,618	14,813	14,487	14,018	
" 19 ...	8,597	5,578	14,175	13,850	14,438	13,996	
" 26 ...	8,054	5,498	13,552	14,041	13,779	14,066	
" 26 ...	8,936	5,587	14,523	14,442	14,226	14,632	
Average ...	8,311	5,632	13,943	14,280	14,252	14,158	
June 2 ...							
" 9 ...	9,091	5,518	14,609	15,090	14,239	15,527	
" 16 ...	9,291	5,287	14,578	14,443	13,842	14,803	
" 23 ...	8,389	5,302	13,691	13,439	13,702	15,654	
" 30 ...	8,595	5,162	13,757	12,682	12,705	14,499	
" 30 ...	9,166	5,085	14,251	14,136	13,463	14,505	
Average ...	8,893	5,270	14,163	13,919	13,568	15,035	

**WHARF LABOUR.**

LABOURERS employed at all the DOCKS and at the principal WHARVES with comparative totals for 1899, 1898, and 1897.

[Companies, Shipping Federation, Wharfingers, &c.]

Period of Year.	Dock Labourers.	Wharf Labourers (Employed at 115 Wharves).	Total Labourers included in Returns.	Corresponding Totals in		
			1900.	1899.	1898.	1897.
1900.						
Week ending :—						
July 7 ...	9,184	5,153	14,337	14,275	13,227	14,802
" 14 ...	9,771	5,168	14,939	14,976	14,129	15,499
" 21 ...	9,935	5,271	15,206	14,343	14,319	16,265
" 28 ...	9,539	5,453	14,992	14,698	14,612	15,865
Average ...	9,607	5,261	14,868	14,573	14,072	15,608
August 4 ...	9,082	5,497	14,579	14,771	13,183	15,082
" 11 ...	8,888	5,574	14,462	14,807	13,691	14,735
" 18 ...	9,820	5,812	15,632	14,452	14,310	14,601
" 25 ...	9,302	5,908	15,210	13,860	13,963	14,776
Average ...	9,290	5,703	14,993	14,400	13,813	14,786
September 1 ...	9,329	5,753	15,082	14,418	13,719	14,403
" 8 ...	9,259	5,971	15,230	14,762	14,343	14,902
" 15 ...	9,827	6,494	16,321	15,568	14,395	15,435
" 22 ...	9,602	6,536	16,138	16,052	15,503	15,000
" 29 ...	9,582	6,665	16,247	16,353	16,903	16,489
Average ...	9,520	6,284	16,804	15,431	14,913	15,366
October 6 ...	10,315	6,550	16,865	16,555	15,743	17,113
" 13 ...	11,762	6,861	18,623	16,758	15,214	16,296
" 20 ...	10,996	6,595	17,591	15,790	15,744	14,950
" 27 ...	11,007	6,759	17,766	15,811	16,124	15,606
Average ...	11,020	6,691	17,711	16,228	15,706	15,991
November 3 ...	11,406	6,627	17,733	16,885	15,577	16,388
" 10 ...	12,365	6,751	19,116	16,229	15,487	15,805
" 17 ...	11,617	6,600	18,217	16,779	15,418	16,627
" 24 ...	11,710	6,869	18,579	17,021	16,051	16,193
Average ...	11,699	6,712	18,411	16,679	15,633	16,253
December 1 ...	11,483	6,711	18,194	17,050	16,456	16,466
" 8 ...	10,982	6,698	17,680	17,191	16,706	16,767
" 15 ...	11,326	6,710	18,036	16,728	14,823	16,015
" 22 ...	11,190	6,360	17,550	15,800	15,740	15,307
" 29 ...	9,474	5,417	14,891	14,877	13,795	15,528
Average ...	10,992	6,448	17,440	16,390	15,977	16,059
Daily Mean number for :—						
1900 ...	9,496	6,042	15,538	—	—	—
1899 ...	8,946	5,960	—	14,906	—	—
1898 ...	8,760	5,975	—	—	14,744	—
1897 ...	8,569	5,764	—	—	—	15,333

## EMPLOYMENT OF WOMEN AND

TABLE 63.—STATEMENT showing for certain COTTON and WOOLLEN and PROPORTION of WOMEN and GIRLS ordinarily employed in MILLS worked SHORT TIME or were CLOSED

[Compiled from Returns furnished to the

Year and Month.	COTTON SPINNING MILLS.					COTTON WEAVING FACTORIES.				
	No. of Women and Girls ordin- arily em- ployed in Mills re- ported on.	Percentage ordinarily em- ployed in Mills which were				No. of Women and Girls ordin- arily em- ployed in Mills re- ported on.	Percentage ordinarily em- ployed in Mills which were			
		Working Full Time through- out the Month.		Work- ing Short Time during some part of the Month.	Closed during some part of the Month. •		Working Full Time through- out the Month.		Work- ing Short Time during some part of the Month.	Closed during some part of the Month. •
		With Full Em- ploy- ment.	With Partial Em- ploy- ment.				With Full Em- ploy- ment.	With Partial Em- ploy- ment.		
1899.										
January ..	21,340	93	6	1	..	42,240	85	15	..	..
February..	20,440	90	8	2	..	42,630	81	17	3	..
March ..	23,480	96	2	1	1	48,310	87	11	1	1
April ..	26,340	95	4	1	..	53,040	88	11	1	..
May ..	27,180	97	1	1	1	52,840	87	11	1	1
June ..	26,940	96	1	1	2	52,480	90	9	1	..
July ..	26,910	98	1	1	..	50,820	92	7	1	..
August ..	26,290	97	1	1	1	52,640	97	2	..	1
September	26,600	96	4	..	..	56,900	98	2	..	..
October ..	26,100	96	3	..	1	56,600	97	3	..	..
November	27,200	99	1	..	..	57,860	90	9	..	1
December	26,330	97	2	1	..	55,540	92	7	..	1
Mean Per- centage for Year.	..	95.9	2.8	0.8	0.5	..	90.3	8.7	0.6	0.4
1900.										
January ..	26,630	97	2	..	1	54,970	92	8	..	..
February..	27,570	99	..	..	1	56,250	93	6	..	1
March ..	27,130	100	..	..	..	56,390	96	3	..	1
April ..	27,500	97	1	2	..	54,260	94	4	1	1
May ..	27,030	87	2	..	11	52,530	93	2	2	3
June ..	27,630	83	3	2	12	55,660	75	17	4	4
July ..	26,560	66	9	18	7	55,360	59	26	10	5
August ..	27,200	70	9	20	1	55,400	67	18	11	4
September	24,400	59	5	19	17	45,300	41	24	23	12
October ..	26,400	64	18	14	4	53,520	52	32	13	3
November	27,320	86	9	2	3	53,780	84	7	6	3
December	26,270	89	9	1	1	54,230	85	9	1	5
Mean Per- centage for Year.	..	83.1	5.6	6	4.8	..	77.6	13.0	5.9	3.5

\* Closed for repairs, or through bad trade, disputes or other causes.



GIRLS IN THE TEXTILE TRADES.

WORSTED MILLS during each MONTH of 1899 and 1900 the PERCENTAGE which worked FULL TIME throughout the MONTH, and in MILLS which during some part of the MONTH.

Department by Women Correspondents.]

Year and Month.	WOOLLEN AND WORSTED TRADES.					COTTON, WOOLLEN AND WORSTED TRADES.				
	No. of Women and Girls ordin- arily em- ployed in Mills re- ported on.	Percentage ordinarily em- ployed in Mills which were				No. of Women and Girls ordin- arily em- ployed in Mills re- ported on.	Percentage ordinarily em- ployed in Mills which were			
		Working Full Time through- out the Month.		Work- ing Short Time during some part of the Month.	Closed during some part of the Month. *		Working Full Time through- out the Month.		Work- ing Short Time during some part of the Month.	Closed during some part of the Month. *
		With Full Em- ploy- ment.	With Partial Em- ploy- ment.				With Full Em- ploy- ment.	With Partial Em- ploy- ment.		
1899.										
January ..	18,660	69	13	12	1	82,220	84	13	3	..
February ..	18,220	74	13	10	3	81,290	82	14	3	1
March ..	20,040	75	16	7	2	91,830	87	10	2	1
April ..	23,090	86	7	6	1	102,470	90	8	2	..
May ..	22,370	92	4	4	..	102,370	91	7	2	..
June ..	21,540	96	4	..	..	100,960	93	6	1	..
July ..	19,750	97	1	2	..	96,460	95	4	1	..
August ..	18,560	96	3	..	1	97,480	97	2	..	1
September	19,500	97	3	..	..	103,000	97	3	..	..
October ..	18,800	99	1	..	..	101,500	97	3	..	..
November	19,660	100	..	..	..	104,720	94	5	..	1
December	20,450	100	..	..	..	102,320	94	5	..	1
Mean Per- centage for Year.	..	90.1	5.8	3.4	0.7	..	91.7	6.7	1.2	0.4
1900.										
January ..	20,400	96	3	1	..	101,000	94	6	..	..
February ..	21,730	98	1	1	..	105,550	96	3	..	1
March ..	21,580	97	2	..	1	106,100	97	2	..	1
April ..	21,490	97	2	..	1	103,250	96	3	1	..
May ..	21,000	95	3	..	2	100,550	92	2	1	5
June ..	19,870	47	50	2	1	103,160	72	20	3	5
July ..	20,530	45	48	6	1	102,470	58	26	12	4
August ..	19,500	33	51	16	..	102,100	61	22	15	2
September	20,600	67	20	13	..	90,300	52	18	19	11
October ..	20,900	65	28	7	..	100,560	58	28	12	2
November	18,300	63	23	11	..	100,700	81	11	6	2
December	19,400	65	17	18	..	99,900	32	11	4	3
Mean Per- centage for Year.	..	72.6	20.7	6.2	0.5	..	78.2	12.7	6.1	3.0

\* Closed for repairs, or through bad trade, disputes or other causes.

## NUMBER OF COAL MINERS EMPLOYED.\*

TABLE 64.—NUMBER of PERSONS employed under the COAL MINES REGULATION ACT in the under-mentioned districts of the United Kingdom in each Year from 1885 to 1900, inclusive.

[Compiled from the Reports of Her Majesty's Inspectors of Mines issued by the Home Office.]

Year	United Kingdom.	Principal Coal Districts.						
		Yorkshire.	Lancashire and Cheshire.	Midlands.†	South Wales and Monmouth.	Durham.	Northumberland.	West of Scotland.
1885	520,632	70,305	66,266	97,814	85,217	75,441	26,519	:
1886	519,970	71,681	67,069	97,554	85,130	75,759	26,018	:
1887	526,277	72,672	67,646	96,552	86,915	75,908	26,705	:
1888	534,945	72,772	68,084	100,018	91,423	78,772	26,202	:
1889	563,735	76,489	70,574	105,194	99,426	81,312	27,641	52,340
1890	613,233	83,376	76,479	113,636	109,935	86,799	30,041	57,091
1891	648,450	88,140	80,926	119,496	116,624	92,568	30,816	60,080
1892	664,260	91,966	84,029	123,129	117,713	92,170	31,966	63,908
1893‡	683,008	93,881	86,658	128,023	117,989	99,487	32,219	65,451
1894‡	705,240	96,789	88,063	131,220	124,655	102,607	33,688	67,901
1895‡	709,234	94,853	87,255	128,849	126,199	102,550	33,083	67,611
1896‡	692,634	96,263	83,780	128,713	125,205	104,015	33,259	64,046
1897‡	695,213	96,513	84,250	128,187	126,802	104,452	33,629	64,004
1898‡	706,894	93,212	83,586	131,041	128,813	105,104	35,002	66,127
1899‡	729,069	102,137	83,440	135,920	132,682	108,060	37,381	68,769
1900‡	730,052	107,901	87,976	144,549	147,652	112,835	39,728	73,400

\* The numbers given in the table include persons employed in and about fireclay, stratified ironstone and shale mines. Such mines are included under the Coal Mines Act, and the number employed in Coal Mines only is shown separately for the first time in the Report for 1897 in which year 681,531 persons were employed in coal mines. In 1898 the number so employed was 693,661, and in 1899, 715,205.

† Staffordshire, Nottinghamshire, Leicestershire, Worcestershire, Shropshire, Derbyshire, and Warwickshire.

‡ Not separately stated.

§ Up to and including 1892 the figures given in the table are exclusive of persons employed on private branch railways and tramways, and in washing and coking coal on premises adjacent to or belonging to the mines. For the years 1893 to 1900 these persons are included, but the number is not shown separately in the Reports. In 1891 and 1892, however, the total number of such persons was 19,533 and 19,342 respectively.

DAYS WORKED PER WEEK IN COAL MINES.

TABLE 65.—AVERAGE NUMBER of DAYS per WEEK on which COAL was HEWN and WOUND in all MINES in the UNITED KINGDOM from which RETURNS have been received for each Month of the Years 1896 to 1900; and also for such MINES in the more important DISTRICTS for each Month of 1900.

[Compiled from Returns furnished by owners of Coal Mines.]

Month.*	Principal Coal Districts.							United Kingdom.				
	York-shire.	Lan-cashire and Che-shire.	Mid-lands.†	South Wales and Mon-mouth.	Dur-ham.	North-umber-land.	West of Scot-land.	1900.	1899.	1898.	1897.	1896.
1900.												
January	5'09	5'06	5'12	5'39	5'26	4'97	4'04	5'13	5'16	5'06	5'15	4'94
February	5'86	5'71	5'63	5'83	5'63	5'49	5'44	5'69	5'63	5'34	5'34	4'91
March ..	5'83	5'75	5'62	5'89	5'64	5'61	5'49	5'67	5'62	5'29	5'14	4'81
April ..	5'19	5'25	4'91	5'25	5'25	5'07	5'58	5'19	5'24	4'98	4'84	4'69
May ..	5'87	5'47	5'60	5'78	5'64	5'52	5'27	5'63	5'64	5'33	5'20	4'38
June ..	5'03	5'04	4'96	5'51	5'37	5'16	5'37	5'13	5'42	4'95	4'82	4'58
July ..	5'70	5'48	5'50	5'80	5'59	5'34	4'84	5'52	5'25	5'13	4'95	4'33
August ..	5'70	5'27	5'26	5'27	5'02	5'22	5'46	5'43	5'23	5'19	4'92	5'00
September	5'67	5'59	5'68	5'59	5'69	5'54	5'59	5'65	5'46	5'37	5'24	4'39
October..	5'81	5'55	5'52	5'76	5'61	5'54	5'58	5'63	5'58	5'44	5'37	5'02
November	5'55	5'44	5'24	5'54	5'57	5'50	5'38	5'45	5'64	5'46	5'32	5'31
December	5'53	5'47	5'31	5'70	5'49	5'29	5'42	5'46	5'65	5'54	5'31	5'16
Mean for Year ..	5'57	5'42	5'36	5'61	5'53	5'35	5'23	5'47	5'46	5'25	5'13	4'92

\* The figures returned for each month, on which the weekly averages are based, were for a period of four complete weeks.  
† Staffordshire, Nottinghamshire, Leicestershire, Worcestershire, Shropshire, Derbyshire. and Warwickshire.  
‡ During these months employment in the South Wales and Monmouthshire district was interrupted by a dispute affecting 100,000 coal miners. The non-associated pits remained at work, but it has been thought desirable to exclude the whole district in computing the averages for these months.

DAYS WORKED PER WEEK IN IRON MINES.

TABLE 66.—AVERAGE NUMBER of DAYS per WEEK on which IRON ORE was GOT and DRAWN in all MINES in the UNITED KINGDOM from which RETURNS have been received for each Month of the Years 1896 to 1900; and also for such MINES in the more important DISTRICTS for each month of 1900.

(Compiled from Returns furnished by Owners of Iron Mines and Open Works.)

Month.*	Principal Iron Mining Districts.						United Kingdom.				
	Cumber-land and Lanca.	York-shire (Cleve-land).	Lincoln-shire and Leicester-shire.	North-ampton-shire.	Stafford-shire and Shrop-shire.	Scot-land.	1900.	1899	1898.	1897.	1896.
1900.											
January..	5'52	5'35	5'81	5'75	4'80	4'73	5'35	5'49	5'59	5'72	5'70
February	5'82	5'26	5'87	5'72	5'53	6'00	5'55	5'86	5'79	5'86	5'86
March ..	5'93	5'46	5'83	5'97	5'67	6'00	5'71	5'89	5'89	5'82	5'78
April ..	5'72	5'61	5'79	5'85	5'32	6'00	5'64	5'59	5'62	5'66	5'66
May ..	5'80	5'74	5'95	5'97	5'70	6'00	5'79	5'83	5'76	5'87	5'76
June ..	5'62	5'52	5'80	5'83	5'15	5'36	5'54	5'86	5'68	5'72	5'59
July ..	5'38	5'53	5'94	5'90	5'76	5'23	5'52	5'72	5'71	5'78	5'70
August ..	5'60	5'72	5'94	5'61	4'62	5'42	5'55	5'74	5'76	5'65	5'62
September	5'80	5'81	5'56	5'76	5'95	5'75	5'80	5'83	5'82	5'79	5'78
October ..	5'81	5'75	5'39	5'88	5'87	5'86	5'78	5'80	5'73	5'88	5'73
November	5'87	5'64	5'65	5'66	5'69	5'93	5'74	5'79	5'80	5'84	5'84
December	5'90	5'77	5'66	5'90	5'82	5'96	5'83	5'75	5'82	5'58	5'65
Mean for Year ..	5'73	5'60	5'77	5'82	5'49	5'69	5'65	5'76	5'75	5'76	5'72

\* The figures returned for each month, on which the weekly averages are based, were for a period of four complete weeks.

IMPORTS AND EXPORTS.

TABLE 67.—Total declared VALUE of the IMPORTS of MERCHANDISE, and of the EXPORTS of BRITISH and IRISH PRODUCE and FOREIGN and COLONIAL PRODUCE respectively in each of the Years 1886 to 1900.\*

Year.	Imports.	Exports.			Total Value of Imports and Exports.
		British and Irish Produce.	Foreign and Colonial Produce.	Total.	
	£	£	£	£	£
1886 .. .. .	319,863,472	212,725,200	56,234,263	268,959,463	618,822,935
1887 .. .. .	362,227,564	221,913,910	59,348,975	281,262,885	643,490,449
1888 .. .. .	387,635,743	234,534,912	64,042,639	298,577,551	686,213,294
1889 .. .. .	427,637,595	248,965,195	66,637,484	315,602,679	743,240,274
1890 .. .. .	430,691,997	263,530,585	64,721,533	328,252,118	748,944,115
1891 .. .. .	435,441,394	247,235,150	61,878,568	309,113,718	744,554,982
1892 .. .. .	423,793,882	227,216,399	64,423,767	291,640,166	715,434,048
1893 .. .. .	404,688,178	218,269,718	58,878,552	277,138,270	681,826,448
1894 .. .. .	408,344,810	216,005,637	57,780,230	273,785,867	682,130,677
1895 .. .. .	416,689,658	226,126,246	59,704,161	285,832,407	702,522,065
1896 .. .. .	441,808,904	240,145,551	56,233,663	296,379,214	738,188,118
1897 .. .. .	451,028,990	234,219,708	59,964,410	294,174,118	745,203,078
1898 .. .. .	470,544,702	233,369,240	60,864,748	294,013,988	764,558,690
1899 .. .. .	485,035,583	264,492,211†	65,042,477	329,534,688†	814,570,241
1900* .. .. .	523,633,486	291,451,306†	63,099,288	354,550,594†	878,184,080

\* The figures for the years 1886 to 1899 are extracted from the Annual Statements of the Trade of the United Kingdom. Those for 1900 are taken from the Monthly Statements of Trade and Navigation and are subject to correction in the Annual Statement of Trade for 1900.  
† Including the value of new ships (not registered as British) not recorded previous to 1899, amounting in 1899 to £9,196,632, and in 1900 to £3,808,153.

## EXPORTS OF TEXTILES

TABLE 68.—QUANTITIES of certain TEXTILE YARNS and FABRICS  
EXPORTED during each of the

Articles.	1886.	1887.	1888.	1889.	1890.	1891.	1892.
<b>Cotton.</b>							
Yarn and twist .. 1,000 lbs.	254,331	251,026	255,846	262,436	256,291	245,259	233,224
Thread for sewing 1,000 lbs.	17,319	20,302	21,719	17,291	18,075	18,071	16,169
Piece goods .. 1,000 yds.	4,850,210	4,904,012	5,038,308	5,001,239	5,124,968	4,912,476	4,873,106
<b>Wool and Worsted.</b>							
Yarn, woollen and 1,000 lbs. worsted.	45,650	40,153	42,630	45,560	41,083	41,439	44,820
Yarn, alpaca and 1,000 lbs. mohair, and other sorts, un- enumerated.	14,432	12,196	11,320	13,343	12,960	13,596	14,666
Tissues and stuffs 1,000 yds. and flannels.	261,318	268,102	262,486	256,291	242,689	212,366	203,546
Blankets .. .. 1,000 pzs.	1,328	1,579	1,434	1,579	1,553	1,304	1,281
Carpets (not being 1,000 yds. rugs).	11,647	12,947	11,901	12,090	10,737	10,533	9,367
<b>Linen.</b>							
Yarn .. .. 1,000 lbs.	15,892	16,381	14,710	13,945	15,313	14,860	15,461
Thread for sewing 1,000 lbs.	2,690	2,817	2,806	2,800	2,949	2,474	2,458
Piece goods .. 1,000 yds.	163,756	163,930	176,718	180,630	184,040	159,458	171,302
<b>Silk.</b>							
Broad piece goods 1,000 yds.	7,266	6,592	8,345	9,619	9,507	6,455	5,952
<b>Jute.</b>							
Yarn .. .. 1,000 lbs.	30,707	23,568	26,583	34,179	34,404	33,178	25,862
Piece goods .. 1,000 yds.	216,103	244,178	231,511	265,085	273,776	283,618	266,247
<b>Clothing.</b>							
Boots and shoes .. doz. pzs.	530,357	602,716	661,907	665,909	696,802	706,517	659,911
Apparel and Value 1,000l. slops.	3,902	3,947	4,659	4,979	5,036	5,151	4,847

\* The figures for the years 1886 to 1899 are extracted from the Annual Statements of the Trade of the  
are subject to correction in the Annual Statement of Trade for 1900.

† Part of the items included under Silk are not separately classified in the Monthly Statements

## AND CLOTHING.

and Articles of CLOTHING of British or Irish Manufacture  
Years. 1886 to 1900.\*

1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.*	Articles.
								<b>Cotton.</b>
306,546	336,121	351,989	346,483	352,547	346,663	313,126	358,290	1,000 lbs. Yarn and twist.
17,244	17,099	23,800	25,854	26,415	27,137	30,705	34,692	1,000 lbs. Thread for sewing.
4,652,217	5,312,363	5,032,562	5,218,249	4,792,269	5,216,054	5,498,944	5,034,251	1,000 yds. Piece goods.
								<b>Wool and Worsted.</b>
50,101	53,016	61,071	62,239	57,075	58,807	63,700	57,164	1,000 lbs. Yarn, woollen and worsted.
16,070	13,952	17,743	14,641	16,590	16,277	16,995	15,418	1,000 lbs. Yarn, alpaca and mohair, and other sorts, unenumerated.
185,519	180,705	233,422	209,971	192,587	152,370	162,489	164,682	1,000 yds. Tissues and stuffs and flannels.
1,296	1,053	1,273	1,587	977	953	862	863	1,000 prs. Blankets.
8,531	7,763	8,279	8,269	7,297	7,430	8,312	8,742	1,000 yds. Carpets (not being rugs).
								<b>Linen.</b>
16,259	15,540	17,046	18,462	18,366	17,355	18,152	16,362	1,000 lbs. Yarn.
2,397	2,094	2,401	2,240	2,019	1,870	2,038	1,826	1,000 lbs. Thread for sewing.
158,335	156,254	203,588	174,208	164,583	148,005	174,279	154,800	1,000 yds. Piece goods.
								<b>Silk.</b>
6,036	5,535	6,530	7,610	7,477	8,999	9,737	†	1,000 yds. Broad goods. piece goods.
								<b>Jute</b>
29,346	34,928	34,726	37,224	51,879	49,645	45,251	38,689	1,000 lbs. Yarn.
264,973	233,432	254,680	237,146	233,776	211,063	213,264	173,899	1,000 yds. Piece goods.
								<b>Clothing.</b>
693,049	668,563	674,620	745,018	642,264	638,920	603,498	630,428	doz. prs. Boots and shoes.
4,260	4,123	4,525	5,229	4,980	4,696	4,636	5,293	Value 1,000l. Apparel and slops.

United Kingdom. Those for 1900 are taken from the Monthly Statements of Trade and Navigation and of Trade and Navigation.

EXPORTS OF COAL

TABLE 69.—EXPORT of COAL from the PRINCIPAL DISTRICTS of the UNITED POSSESSIONS, during the YEAR  
[Compiled from Parliamentary Papers

Country to which Exported.	BRISTOL CHANNEL PORTS.	NORTH- WESTERN PORTS.	NORTH- EASTERN PORTS.
	Newport, Cardiff, Swansea, Llanelli, Gloucester, and Bristol.	Liverpool, Manchester, Preston, Fleetwood, Lancaster, Whitehaven, Workington, and Maryport.	Newcastle, Blyth (including Amble), North Shields, South Shields, Sunderland (including Seaham), Hartlepool, and Middles- brough.
North Russia, Sweden, Norway, Denmark, Germany, Holland, Belgium, Iceland, and Whale Fisheries.	Tons. 1,274,528	Tons. 80,581	Tons. 7,334,731
France, Channel Islands, Portugal, Azores and Madeira, Spain and Canaries, Gibraltar, Italy, Austrian Territories, Malta, Greece, Bulgaria, Roumania, Turkey, South Russia, Tripoli, Tunis, Algeria, Morocco, Egypt, &c.	13,015,328	262,253	4,611,663
West Coast of Africa, Ascension, and St. Helena.	478,486	6,169	1,693
British South Africa .. .. .	411,183	10,063	26,149
East Coast of Africa, Mauritius and De- pendencies, Bourbon, Arabia, Persia, Aden, &c.	291,679	..	100
Indian Continent .. .. .	379,484	53,859	66,426
Ceylon, Straits Settlements, Java and other Dutch Possessions in India, Philippine Islands, Siam, Hong Kong, China, Japan, Australasia, and Pacific Islands.	581,787	2,894	11,685
British North America, United States (At- lantic), British West Indies, Bermudas, Foreign West Indies, Mexico, Central America, Colombia, and Venezuela.	176,650	13,561	7,889
Brazil, Uruguay, and Argentine Republic ..	1,842,031	131,580	96,911
Peru, Ecuador, Chile, Bolivia, and United States (Pacific).	254,949	18,617	143,492
Total for 1899 .. .. .	13,666,695	579,237	12,367,651
" " 1898 .. .. .	12,087,771	937,378	11,959,540
" " 1897 .. .. .	16,419,630	379,049	10,460,717
" " 1896 .. .. .	15,326,677	373,195	9,924,967



## FROM VARIOUS PORTS.

KINGDOM to the PRINCIPAL GROUPS of FOREIGN COUNTRIES and BRITISH  
ended 31st December, 1899.

125 of 1900 and 352 of 1898.]

HUMBER PORTS.		EAST SCOTLAND.	WEST SCOTLAND.				
Hull, Goole, and Grimsby.	OTHER PORTS ON THE EAST COAST.	Leith, Granton, Borrow- stoness, Grange- mouth, Alloa, Kirkcaldy (including Methill), and Dundee.	Greenock, Glasgow, Ardrossan, Troon, Ayr, and Irvine.	ALL OTHER PORTS.	Total from the United Kingdom.	Corres- ponding Total from United Kingdom in 1898.	Increase (+) or Decrease (-) from the United Kingdom in 1899 as compared with 1898
Tons. 3,048,017	Tons. 269,471	Tons. 4,160,717	Tons. 238,233	Tons. 240	Tons. 16,394,518	Tons. 13,501,198	+ Tons. 2,893,320
489,180	1,456	352,168	801,048	4,561	19,537,635	16,341,411	+ 2,606,274
560	720	..	..	928	433,436	379,488	+ 108,996
22,732	2,738	979	22,267	57	436,146	258,150	+ 337,996
..	25	..	..	..	391,304	389,263	+ 2,542
17,896	100	..	15,333	..	432,890	330,908	+ 101,982
1,370	2	1,222	2,500	..	601,539	585,203	+ 16,327
2,848	875	5,551	41,049	..	243,403	405,486	- 157,083
56,536	1,021	41,233	91,881	..	2,263,193	2,109,828	+ 153,365
751	49	1,425	1,480	..	425,643	357,496	+ 68,147
<b>3,637,890</b>	<b>266,517</b>	<b>4,563,295</b>	<b>1,213,769</b>	<b>5,786</b>	<b>41,180,300</b>	<b>35,058,430</b>	<b>+ 6,121,870</b>
3,394,730	304,032	4,709,185	1,714,834	980	35,058,430	..	..
2,657,391	173,363	4,183,673	1,079,968	596	35,354,296	..	..
2,341,880	169,699	3,863,481	954,891	2,990	32,947,680	..	..

PRICES.

ASCERTAINED PRICES OF COAL AND IRON.

TABLE 70.—Mean ascertained SELLING PRICE per Ton of COAL or IRON in the under-mentioned DISTRICTS for each Year from 1883 to 1900 inclusive.  
[The prices given below are the mean for each year of the realised prices as ascertained periodically from an examination of certain employers' books by accountants appointed by the employers and workpeople concerned. The ascertained prices are largely used in regulating changes of wages under Sliding Scales, &c.]

Year.	COAL.		PIG IRON.	MANUFACTURED IRON.	
	Northum-berland.	South Wales and Monmouth.	Cleveland.	North of England.	Midlands.
	(Average for all classes of Coal per Ton at Pit's Mouth.)	(Average for certain classes of Coal per Ton, f.o.b.)	(Average per Ton of No. 3 Cleveland Pig Iron.)	(Average Selling Price of Rails, Plates, Bars, and Angles per Ton.)	(Average Selling Price of Bars, Angles, Tees, Hoops, Sheets, Plates, Strips, &c., per Ton.)
1883	s. d. 5 1·93	s. d. 9 8·36	s. d. 39 10·67	£ s. d. 6 2 8·42	£ s. d. ...
1884	5 1·63	9 10·47	36 4·86	5 5 8·50	...
1885	4 10·70	9 3·37	33 6·69	4 17 4·17	...
1886	4 7·20	8 4·77	30 8·92	4 12 7·50	...
1887	4 7·20*	8 0·25	33 0·15	4 12 8·31	...
1888	4 4·01†	8 4·22	32 5·66	4 14 11·43	...
1889	5 4·70	10 5·38	38 2·85	5 10 4·59	6 46 9 57‡
1890	7 7·65	12 0·30§	47 8·28	6 6 6·18	7 10 5·89
1891	7 4·06	13 4·89§	40 5·32	5 13 6·52	6 9 5·12
1892	6 6·50	11 6·84§	38 5·01	5 7 10·24	6 7 11·05
1893	5 11·35	9 8·68	34 6·23	4 17 11·82	6 1 11·56
1894	6 5·99	10 9·335	35 3·08	4 17 6·01	5 18 2·16
1895	5 6·63	9 6·949	35 2·95	4 15 4·78	5 12 11·22
1896	5 0·74	9 1·701	37 6·39	4 17 2·06	5 15 9·94
1897	5 2·91	9 2·837	40 0·46¶	5 1 11·54	6 1 7·35
1898	6 1·36	...	40 10·58	5 5 1·30	6 2 1·54
1899	7 0·69	...	53 0·39	6 4 6·57	7 3 0·57
1900	10 3·57	...	68 1·43	7 19 0·06	9 8 5·90

\* Mean of two ascertainments made by the employers' accountants only.  
† Three of the four ascertainments were made by employers' accountants only.  
‡ July to December only.  
§ In 1890, 1891, and 1892, the selling price of large colliery-screened coal produced from anthracite collieries was excluded in obtaining the average ascertained selling price.  
|| Mean for 10 months only. The result of the audit for May and June was not published.  
¶ Mean for 9 months only. The result of the audit for April, May and June was not published.

AVERAGE PRICES OF BRITISH CORN.

TABLE 71.—MEAN of WEEKLY AVERAGE PRICES of British CORN per Imperial Quarter in ENGLAND and WALES for each of the years 1859 to 1900; together with the RANGE of WEEKLY AVERAGES in each year.

[The figures for 1859-1899 have been extracted from the Agricultural Returns for Great Britain, 1899.—Cd. 166 of 1900. Those for 1900 have been specially supplied by the Board of Agriculture.]

Year.	Wheat.			Barley.			Oats.		
	Mean of Weekly Averages.	Range of Weekly Averages.		Mean of Weekly Averages.	Range of Weekly Averages.		Mean of Weekly Averages.	Range of Weekly Averages.	
		Highest.	Lowest.		Highest.	Lowest.		Highest.	Lowest.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
1859	43 9	54 4	39 10	33 6	36 5	29 0	23 2	26 3	20 10
1860	53 8	62 11	43 6	36 7	41 4	32 5	24 5	28 2	21 0
1861	55 4	61 6	50 0	36 1	40 7	28 3	23 9	26 10	21 6
1862	55 5	62 1	45 7	35 1	37 3	31 6	22 7	26 3	20 4
1863	44 9	48 4	39 10	33 11	36 10	28 10	21 2	23 11	18 7
1864	40 2	44 1	37 10	29 11	32 5	27 2	20 1	22 11	18 8
1865	41 10	46 11	38 2	29 9	34 0	27 3	21 10	24 0	19 0
1866	49 11	61 7	44 5	37 5	46 2	32 6	24 7	27 7	22 8
1867	64 5	70 5	59 3	40 0	45 9	34 9	26 0	29 7	23 4
1868	63 9	74 7	49 5	43 0	47 3	35 8	28 1	31 4	25 5
1869	48 2	54 2	43 5	39 5	49 7	30 3	26 0	29 0	21 6
1870	46 11	54 11	40 7	34 7	36 11	30 3	22 10	28 8	19 10
1871	56 8	60 0	52 6	36 2	38 6	32 7	25 2	28 3	22 0
1872	57 0	60 3	53 11	37 4	44 1	30 3	23 2	26 7	21 8
1873	58 8	64 7	54 7	40 5	45 1	34 11	25 5	30 10	21 7
1874	55 9	63 9	43 5	44 11	49 11	39 1	28 10	32 0	25 5
1875	45 2	53 10	40 11	38 5	45 6	31 4	28 8	32 11	23 4
1876	46 2	50 8	42 8	35 2	40 2	30 11	26 3	31 2	23 10
1877	56 9	68 9	50 1	39 8	44 2	32 5	25 11	29 0	23 4
1878	46 5	52 4	39 0	40 2	44 8	30 9	24 4	28 5	20 7
1879	43 10	50 5	37 7	34 0	43 2	24 0	21 9	26 7	19 2
1880	44 4	48 4	39 5	33 1	37 7	25 7	23 1	28 2	20 2
1881	45 4	55 2	40 9	31 11	35 8	26 11	21 9	24 6	19 5
1882	45 1	51 3	39 2	31 2	36 11	25 10	21 10	25 9	19 1
1883	41 7	48 10	39 0	31 10	35 0	25 6	21 5	24 1	19 1
1884	35 8	39 0	30 5	30 8	32 8	27 1	20 3	23 5	18 10
1885	32 10	38 1	30 2	30 1	32 6	24 10	20 7	23 6	18 1
1886	31 0	33 11	29 0	26 7	29 7	22 4	19 0	21 4	16 7
1887	32 6	36 4	28 5	25 4	29 7	20 5	16 3	17 9	14 7
1888	31 10	38 1	30 0	27 10	32 5	18 8	16 9	20 9	15 5
1889	29 9	31 2	27 11	25 10	31 3	19 5	17 9	20 6	16 2
1890	31 11	36 6	29 8	28 8	32 3	22 6	18 7	20 5	17 3
1891	37 0	41 8	32 3	28 2	31 3	24 4	20 0	22 4	17 6
1892	30 3	36 4	25 8	26 2	29 5	21 1	19 10	22 2	16 3
1893	26 4	27 10	24 8	25 7	29 6	20 3	18 9	22 3	16 8
1894	22 10	26 4	17 6	24 6	29 2	16 5	17 1	20 5	13 3
1895	23 1	26 5	19 9	21 11	25 8	18 2	14 6	16 7	13 2
1896	26 2	33 4	22 4	22 11	29 7	16 2	14 9	17 7	13 1
1897	30 2	34 4	26 6	23 6	29 10	17 4	16 11	19 0	16 0
1898	34 0	48 1	25 5	27 2	28 8	23 4	18 5	21 5	16 6
1899	25 8	28 2	24 6	25 7	28 3	20 4	17 0	18 2	16 0
1900	26 11	29 3	25 3	24 11	26 5	22 10	17 7	19 11	16 2

# LABOUR WORK DONE

TABLE 72.—WORK done by certain LABOUR BUREAUX during

Month.	London.*			Provincial.*			Total.*		
	1898.	1899.	1900.	1898.	1899.	1900.	1898.	1899.	1900.
<b>Number of Fresh Applications for Work during each Month.</b>									
January .. ..	1,439	1,284	1,296	764	692	855	2,203	1,976	2,151
February .. ..	1,268	1,136	1,011	853	677	767	2,120	1,813	1,778
March .. ..	1,252	1,091	1,000	738	705	726	1,990	1,796	1,726
April .. ..	911	974	881	633	578	681	1,544	1,552	1,562
May .. ..	889	1,043	1,064	677	575	817	1,566	1,618	1,881
June.. ..	1,184	861	946	755	478	740	1,939	1,339	1,686
July.. ..	951	1,042	941	729	505	667	1,680	1,547	1,608
August .. ..	1,161	1,014	1,147	913	707	835	2,074	1,721	1,962
September ..	1,134	1,139	1,147	943	750	954	2,077	1,889	2,101
October .. ..	1,351	1,274	1,765	715	647	1,074	2,066	1,921	2,839
November ..	1,268	1,341	1,443	689	813	949	1,957	2,154	2,392
December ..	916	813	832	469	542	610	1,385	1,355	1,442
Total for Year	13,724	13,012	13,473	8,877	7,669	9,675	22,601	20,681	23,148
<b>Number of Situations Offered by Employers during each Month.</b>									
January .. ..	406	453	502	431	475	589	837	928	1,091
February .. ..	401	550	387	379	471	563	780	1,021	950
March .. ..	484	475	530	504	526	685	988	1,001	1,215
April .. ..	522	469	612	505	515	677	1,117	984	1,299
May .. ..	497	606	604	496	556	768	993	1,162	1,372
June.. ..	580	576	516	512	487	677	1,072	1,063	1,193
July.. ..	494	517	567	383	435	506	787	952	1,073
August .. ..	429	413	384	489	522	645	918	935	1,029
September ..	560	508	448	591	657	724	1,151	1,165	1,172
October .. ..	705	505	937	517	605	642	1,222	1,110	1,579
November ..	480	415	686	511	574	635	991	989	1,321
December ..	363	439	376	492	560	608	855	999	984
Total for Year	5,811	5,926	6,549	5,900	6,383	7,719	11,711	12,309	14,268

\* The Bureaux included in the table are :—London—Battersea Borough, Hackney the-Field's and Strand District of the Borough of Westminster, and the Salvation Plymouth  
For particulars of work done by Labour Bureaux

BUREAUX.

BY BUREAUX.\*

each month of 1898, 1899 and 1900.

Month.	London.*			Provincial.*			Total.*		
	1898.	1899.	1900.	1898.	1899.	1900.	1898.	1899.	1900.
Number of Workpeople found Work by Bureaux during each Month.									
January .. ..	770	856	806	221	243	295	991	1,099	1,103
February .. ..	685	647	1,552	194	228	277	879	875	1,829
March .. .	818	681	786	226	366	367	1,044	947	1,133
April .. ..	580	635	660	280	256	340	860	891	1,006
May .. .. .	588	699	786	267	247	393	853	946	1,179
June .. .. .	815	653	653	260	263	369	1,075	916	1,022
July .. .. .	715	657	654	226	246	292	941	903	946
August .. ..	731	609	696	284	260	325	1,015	869	1,023
September ..	815	673	713	313	335	380	1,128	1,008	1,093
October .. ..	848	826	1,224	239	261	323	1,087	1,107	1,547
November ..	918	812	993	249	276	324	1,167	1,088	1,317
December ..	790	979	619	246	301	306	1,036	1,280	925
Total for Year	9,071	8,727	10,128	3,005	3,202	3,991	12,076	11,929	14,117
Number of Persons on Register at end of each Month.									
January .. ..	1,191	1,024	789	642	588	632	1,833	1,612	1,421
February .. ..	1,190	897	696	667	603	634	1,857	1,500	1,330
March .. .. .	1,175	850	684	555	559	554	1,730	1,409	1,238
April .. .. .	968	742	606	455	503	519	1,443	1,245	1,125
May .. .. .	899	841	643	490	490	456	1,389	1,331	1,099
June .. .. .	1,027	722	660	515	401	479	1,542	1,123	1,139
July .. .. .	798	708	634	548	419	529	1,346	1,127	1,163
August .. ..	933	728	747	575	479	510	1,508	1,202	1,257
September ..	885	861	707	622	502	505	1,507	1,363	1,212
October .. ..	1,018	854	822	571	502	584	1,589	1,356	1,406
November ..	949	831	760	583	576	580	1,532	1,407	1,340
December .. .	722	624	587	485	452	407	1,207	1,076	994
Mean for Year	961	807	695	559	506	532	1,540	1,313	1,227

Borough, and St. Pancras Borough, Islington Borough, the joint bureau for St. Martins-in-Army. Provincial— Ipswich Bureau. Glasgow Corporation, Liverpool Corporation, and Corporation.  
exclusively for women, see Table 74, page 98.

## OCCUPATIONS OF

TABLE 73.—Usual OCCUPATIONS of APPLICANTS for WORK on the end of each

Occupations.	Jan.	Feb.	Mar.	April.	May.	June.	July.
<b>Men.</b>							
Building trades ... ..	111	101	119	131	115	137	134
Engineering and metal trades...	31	45	53	36	32	33	38
Clothing trades ... ..	2	2	2	2	1	...	3
Printing and bookbinding trades.	8	14	9	14	6	13	11
Woodworking and furniture trades.	15	9	9	5	7	7	8
Carmen, stablemen, horsemen, &c.	119	100	96	85	91	98	101
Clerks and warehousemen ...	65	70	61	53	41	40	64
Porters and messengers ...	143	133	123	103	95	108	103
General labourers ... ..	372	336	254	190	218	223	210
Other occupations ... ..	103	124	91	109	94	102	95
<b>Total, Men ... ..</b>	<b>969</b>	<b>934</b>	<b>817</b>	<b>730</b>	<b>700</b>	<b>761</b>	<b>767</b>
<b>Lads and Boys ... ..</b>	<b>173</b>	<b>133</b>	<b>139</b>	<b>110</b>	<b>126</b>	<b>130</b>	<b>149</b>
<b>Women and Girls.</b>							
Dressmakers and sempstresses...	3	6	12	4	6	6	5
Servants ... ..	77	64	56	55	27	41	52
Charwomen, daily work, &c. ...	174	173	168	181	183	157	123
Others ... ..	25	20	46	45	57	44	67
<b>Total, Women and Girls ...</b>	<b>279</b>	<b>263</b>	<b>282</b>	<b>285</b>	<b>273</b>	<b>248</b>	<b>247</b>
<b>Grand Total, 1900 ...</b>	<b>1,421</b>	<b>1,330</b>	<b>1,238</b>	<b>1,125</b>	<b>1,000</b>	<b>1,139</b>	<b>1,163</b>
<b>Grand Total, 1899 ...</b>	<b>1,612</b>	<b>1,500</b>	<b>1,409</b>	<b>1,245</b>	<b>1,331</b>	<b>1,123</b>	<b>1,127</b>

## APPLICANTS FOR WORK.

REGISTERS of the LABOUR BUREAUX specified in TABLE 72, at the Month in 1900.

Aug.	Sept.	Oct.	Nov.	Dec.	Mean Number for 12 Months in 1900.	Corre- sponding Mean Number in 1899.	Occupations.
<b>Men.</b>							
160	117	147	135	108	126	76	Building trades.
36	44	38	43	32	38	31	Engineering and metal trades.
1	...	3	3	...	2	2	Clothing trades.
8	7	7	6	8	9	7	Printing and bookbinding trades.
9	7	14	9	8	10	5	Woodworking and furni- ture trades.
113	114	124	117	97	104	125	Carmen, stablemen, horse- men, &c.
43	31	66	62	35	53	53	Clerks and warehousemen.
121	106	138	138	93	117	121	Porters and messengers.
230	333	356	363	273	280	391	General labourers.
66	63	111	61	47	89	131	Other occupations.
787	822	1,004	937	701	828	942	Total, Men.
206	167	171	157	95	146	139	<b>Lads and Boys.</b>
<b>Women and Girls.</b>							
7	7	5	6	5	6	5	Dressmakers and semp- stresses.
55	65	52	65	36	54	47	Servants.
140	121	136	122	125	150	145	Charwomen, daily work, &c.
62	30	38	53	32	43	35	Others.
264	223	281	246	198	253	232	Total, Women and Girls.
1,357	1,312	1,406	1,340	994	1,227	...	<b>Grand Total, 1900.</b>
1,202	1,363	1,356	1,407	1,076	...	1,313	<i>Grand Total, 1899.</i>

WOMEN'S EMPLOYMENT BUREAUX.\*

TABLE 74.—WORK done by certain WOMEN'S EMPLOYMENT BUREAUX\* during the undermentioned Years.

	Number of Fresh Situations offered by Employers.		Number of Fresh Applications of Workpeople seeking Situations.		Number of Workpeople engaged by Employers.			1899.
	1900.	1899.	1900.	1899.	1900.			
					Perma- nently.	Tem- porarily.	Total.	
Summary by Months.								
January .. .. .	934	839	695	753	122	56	178	206
February .. .. .	784	845	595	668	146	56	202	218
March .. .. .	912	941	680	610	151	80	231	202
April .. .. .	853	837	579	602	132	49	181	163
May .. .. .	917	894	637	588	148	72	220	176
June.. .. .	675	699	514	525	94	60	154	160
July.. .. .	555	598	545	468	108	72	180	155
August .. .. .	500	474	497	482	73	31	104	98
September .. .. .	677	891	626	599	101	83	184	193
October .. .. .	885	1,025	868	734	174	49	223	239
November.. .. .	756	882	662	636	144	76	220	221
December .. .. .	461	470	383	374	92	65	157	141
Total .. .. .	8,889	9,383	7,261	7,020	1,485	749	2,234	2,171
Summary by Occupations.								
Superintendents, Fore- women, etc.	292	323	686	650	78	13	91	100
Shop Assistants .. .. .	41	56	129	153	8	6	14	27
Dressmakers, Milliners, etc...	1,080	1,231	574	626	199	160	352	383
Secretaries, Clerks, Typists ..	300	279	590	638	72	207	279	206
Apprentices and Learners ..	188	188	76	90	41	25	66	67
Domestic Servants .. .. .	6,419	6,742	3,832	3,558	937	276	1,213	1,211
Miscellaneous .. .. .	571	544	1,354	1,305	157	62	219	178
Total .. .. .	8,889	9,383	7,261	7,020	1,485	749	2,234	2,171

\* The Bureaux included in the Table are:—The Central Bureau (Chancery Lane, W.C.), the Young Women's Christian Association (Hanover Square, W.), the Society for Promoting the Training and Employment of Women (Berners Street, W.), the Liverpool Union of Women Workers, the Gentlewomen's Employment Association and Ladies' Work Society (Manchester), the Edinburgh Bureau, and the business agency of the Girls' Friendly Society (7, Upper Phillimore Place, W., by correspondence only).



PAUPERISM.

PAUPERS (ENGLAND AND WALES).

TABLE 75.—NUMBER of PAUPERS (exclusive of Vagrants) in RECEIPT of RELIEF in ENGLAND and WALES, at the under-mentioned dates.  
[Extracted from the Statistical Abstract for the United Kingdom.]

Year.	Adult Able-bodied.			All other Paupers.			Total.		
	In-door.	Out-door.	Total.	In-door.	Out-door.	Total.	In-door.	Out-door.	Total.
ON THE FIRST DAY OF January.									
1886 .. ..	26,016	83,911	109,927	168,424	529,123	697,547	194,440	613,034	807,474
1887 .. ..	27,032	83,197	110,229	169,821	537,139	706,960	196,853	630,336	827,189
1888 .. ..	28,637	83,896	112,533	172,029	540,947	712,976	200,666	624,843	825,509
1889 .. ..	27,191	77,636	104,827	171,000	534,315	705,315	188,191	611,941	800,132
1890 .. ..	26,917	71,828	97,745	169,131	520,669	689,800	185,048	592,497	777,545
1891 .. ..	27,834	70,960	98,794	165,108	511,003	676,111	192,942	581,963	774,905
1892 .. ..	31,888	67,546	99,534	160,472	494,479	654,951	192,460	562,025	754,485
1893 .. ..	34,752	72,426	107,178	165,182	504,066	669,248	199,934	576,534	776,468
1894 .. ..	38,919	77,559	116,478	173,710	522,253	696,963	212,629	599,812	812,441
1895 .. ..	40,330	74,063	114,415	175,218	527,798	703,016	215,548	601,883	817,431
1896 .. ..	41,327	71,062	112,379	175,545	539,293	714,838	216,872	610,345	827,217
1897 .. ..	40,395	68,429	108,827	175,631	539,904	715,535	216,029	606,333	822,362
1898 .. ..	40,698	66,373	107,071	177,740	538,539	716,279	218,438	604,913	823,350
1899 .. ..	39,029	61,389	100,418	178,804	528,506	707,312	217,633	589,897	807,530
1900 .. ..	38,662	61,056	99,718	178,496	519,548	698,044	217,148	580,606	797,754
ON THE FIRST DAY OF July.									
1886 .. ..	18,973	75,923	94,896	151,734	518,587	670,321	170,707	594,510	765,217
1887 .. ..	19,373	73,524	92,897	154,088	517,944	672,032	172,461	591,468	763,929
1888 .. ..	20,003	72,813	92,816	153,705	531,574	675,279	173,708	594,387	768,095
1889 .. ..	18,709	67,781	86,490	152,802	513,740	666,542	171,511	581,521	753,032
1890 .. ..	18,079	64,264	82,343	150,023	501,060	651,108	168,107	565,344	733,451
1891 .. ..	20,796	64,601	85,397	147,529	489,108	636,637	168,325	553,709	722,034
1892 .. ..	25,652	67,207	92,859	146,317	486,143	632,460	171,969	555,350	727,319
1893 .. ..	27,065	66,864	93,949	153,884	497,722	651,606	180,949	564,806	745,755
1894 .. ..	29,021	66,142	95,163	156,699	507,456	664,155	185,720	573,598	759,318
1895 .. ..	30,029	68,133	98,162	160,129	525,263	685,392	190,158	588,396	778,554
1896 .. ..	30,044	64,787	94,831	159,935	537,537	697,472	189,979	592,324	782,303
1897 .. ..	31,070	62,751	93,821	160,666	527,515	688,181	191,765	590,266	782,031
1898 .. ..	32,163	62,098	94,261	165,781	553,382	719,163	197,944	635,460	833,404
1899 .. ..	30,112	57,477	87,589	164,903	515,950	680,853	195,017	573,427	768,444

NOTE.—In 1871 the population of the Unions and Parishes was 22,706,031; in 1881, 26,972,119; and in 1891 the population of 648 Unions and Parishes, excluding extra-parochial places, was 29,001,342.

PAUPERS (SCOTLAND).

TABLE 76.—NUMBER of POOR of all CLASSES, and VAGRANTS, in RECEIPT of RELIEF in PARISHES in SCOTLAND on the under-mentioned dates.

[Extracted from the Statistical Abstract for the United Kingdom.]

Year.	Number of Poor of all Classes.		Number of Vagrants included in preceding columns.	
	Paupers.	Dependents.	Paupers.	Dependents.
ON JANUARY 14TH.*				
1886 .. .. .	63,200	36,303	238	100
1887 .. .. .	63,408	36,326	245	128
1888 .. .. .	63,085	35,667	181	84
1889 .. .. .	62,242	34,647	132	50
1890 .. .. .	61,577	33,463	111	35
1891 .. .. .	60,844	32,578	93	40
1892 .. .. .	60,633	32,651	151	82
1893 .. .. .	60,734	32,762	180	31
1894 .. .. .	61,978	33,218	109	19
1895 .. .. .	63,307	33,611	193	54
1896 .. .. .	64,673	34,847	311	48
1897 .. .. .	65,918	34,996	177	50
1898 .. .. .	66,519	34,889	133	22
1899 .. .. .	66,755	34,755	165	36
1900 .. .. .	65,929	33,994	132	40
ON SEPTEMBER 14TH.*				
1886 .. .. .	61,469	35,187	131	65
1887 .. .. .	61,577	34,650	171	81
1888 .. .. .	60,777	34,426	134	97
1889 .. .. .	60,201	33,640	82	22
1890 .. .. .	59,371	31,997	40	21
1891 .. .. .	58,875	31,771	85	35
1892 .. .. .	58,638	31,304	136	66
1893 .. .. .	59,885	31,714	115	65
1894 .. .. .	60,990	32,489	133	69
1895 .. .. .	62,360	33,985	87	33
1896 .. .. .	63,362	33,988	132	31
1897 .. .. .	64,305	33,862	115	42
1898 .. .. .	64,343	33,647	138	29
1899 .. .. .	64,221	33,353	104	33

\* From September 1897 onwards the figures relate to the 15th of each month

## PAUPERS (IRELAND).

TABLE 77.—NUMBER of PAUPERS (including Casuals) in RECEIPT of RELIEF in UNIONS in IRELAND at the under-mentioned dates.

[Compiled from the Statistical Abstract for the United Kingdom, and from information supplied by the Local Government Board, Ireland.]

Year.	In-door.			No. of Casuals included in the Total of In-door Paupers.	Out-door.	In Blind and Deaf-and-Dumb Asylums, Extern Hospitals, &c.	Total.
	Adult Able-bodied.*	All other Paupers.	Total.				
AT CLOSE OF FIRST WEEK OF January.							
1886 .. ..	7,420	40,354	47,774	459	59,951	762	108,487
1887 .. ..	7,380	40,010	47,390	480	65,015	836	113,241
1888 .. ..	7,866	40,370	48,236	596	64,834	877	113,947
1889 .. ..	7,200	39,164	46,364	589	62,760	833	109,667
1890 .. ..	6,817	37,836	44,653	525	62,213	908	107,774
1891 .. ..	6,206	36,393	42,601	419	63,426	1,102†	107,129
1892 .. ..	5,953	36,065	42,018	463	60,709	1,112†	103,839
1893 .. ..	6,272	36,483	42,755	496	59,001	1,109†	102,865
1894 .. ..	6,495	37,370	43,865	550	59,170	1,176†	104,211
1895 .. ..	6,059	36,840	42,899	482	57,005	1,167†	101,071
1896 .. ..	6,030	36,165	42,195	621	55,019	1,413†	98,827
1897 .. ..	5,955	36,715	42,670	555	54,767	1,445†	98,882
1898 .. ..	6,223	37,333	43,556	609	55,368	1,422†	100,346
1899 .. ..	6,180	36,386	42,566	604	56,732	1,462†	102,760
1900 .. ..	5,724	36,096	41,820	612	58,534	1,512†	103,866
AT CLOSE OF FIRST WEEK OF July.							
1886 .. ..	5,745	37,550	43,295	446	123,713	807	167,815
1887 .. ..	5,726	37,004	42,730	421	69,001	904	112,635
1888 .. ..	5,714	36,222	41,936	573	65,931	823	108,690
1889 .. ..	5,472	35,215	40,687	501	63,006	896	104,589
1890 .. ..	5,243	34,378	39,621	463	62,218	1,009†	102,848
1891 .. ..	4,904	34,119	39,023	359	64,570	1,115†	104,708
1892 .. ..	4,967	33,198	38,165	460	60,123	1,116†	99,424
1893 .. ..	4,969	33,356	38,345	419	58,784	1,187†	98,236
1894 .. ..	5,044	33,633	38,677	546	57,461	1,200†	97,538
1895 .. ..	4,837	32,844	37,681	604	58,462	1,362†	97,505
1896 .. ..	4,763	33,280	37,993	434	54,750	1,406†	94,149
1897 .. ..	4,891	34,173	39,064	553	56,078	1,438†	96,580
1898 .. ..	5,023	35,951	40,974	585	85,564	1,455†	127,993
1899 .. ..	4,662	35,351	40,016	488	58,370	1,511†	99,867

\* Exclusive of any who are temporarily disabled by sickness.

† Maintained from the Poor Rate in blind and other public institutions.

## PAUPERS.—UNITED KINGDOM.

TABLE 78.—NUMBERS of PERSONS in receipt of RELIEF (exclusive of VAGRANTS) in the UNITED KINGDOM, on one day in the WINTER and one in the SUMMER of each of the under-mentioned Years, together with the Proportion of Persons relieved per 10,000 of the estimated Population for each Year.

[Compiled from Tables 75 to 77.]

Year.	Number of Paupers (exclusive of Vagrants).				Proportion of Paupers per 10,000 of estimated Population.
	England and Wales.	Scotland.*	Ireland.	United Kingdom.	
ON ONE DAY IN THE Winter.					
1886	807,474	99,185	106,028	1,014,667	279
1887	817,189	99,361	112,761	1,029,311	281
1888	825,509	98,487	113,351	1,037,347	281
1889	810,182	96,707	109,368	1,016,207	273
1890	787,545	94,894	107,249	989,688	264
1891	774,905	93,289	106,710	974,904	258
1892	754,485	93,051	103,376	950,912	250
1893	776,458	93,285	102,369	972,112	253
1894	812,441	95,068	103,661	1,011,170	261
1895	817,431	96,871	100,589	1,014,891	259
1896	827,217	99,261	96,006	1,024,484	269
1897	824,362	100,687	96,327	1,023,376	257
1898	823,350	101,253	99,737	1,024,340	255
1899	807,730	101,309	102,156	1,011,195	249
1900	797,630	99,751	103,254	1,000,635	245
ON ONE DAY IN THE Summer.					
1886	765,217	96,460	167,369	1,029,046	283
1887	764,929	95,975	112,214	973,118	266
1888	768,095	94,972	108,117	971,184	263
1889	753,032	93,737	104,088	950,857	256
1890	733,451	91,307	102,388	927,144	247
1891	722,034	90,526	104,345	916,909	243
1892	727,319	89,740	98,964	916,023	240
1893	745,555	91,419	97,947	934,921	243
1894	759,318	93,277	96,992	949,587	245
1895	783,554	96,225	96,901	976,680	250
1896	782,303	97,187	93,715	973,205	247
1897	782,081	98,010	96,027	976,068	245
1898	833,421	97,823	127,408	1,058,655	263
1899	768,304	97,437	99,409	965,150	238

\* In the case of Scotland, as may be seen in Table 76, the numbers are given for a day in September instead of a day in July, as in the cases of England and Ireland.

CLASSIFICATION OF PAUPERS BY AGE.

ENGLAND AND WALES.

TABLE 79.—NUMBERS of SEPARATE INDIVIDUALS of the under-mentioned AGES in receipt, at any time during the Year ended Lady-day, 1892, of IN-DOOR and OUT-DOOR RELIEF in ENGLAND and WALES (Vagrants and Lunatics not being included); together with the RATIO of such PERSONS per 10,000 of the Population.

[Compiled from Parliamentary Paper No. 265 of 1892.]

Ages of Persons relieved.	Metropolis.			Other Parts of England and Wales.			Total, England and Wales.			Ratio of Persons re- lieved per 10,000 of the Popu- lation living at the various Ages.*
	Males.	Fe- males.	Total.	Males.	Fe- males.	Total.	Males.	Fe- males.	Total.	
IN-DOOR.										
Under 16 years† ..	..	..	37,155	..	..	74,627	..	..	111,782	126
Of 16 and under 65 years.	49,599	35,259	84,858	84,963	62,464	147,426	134,561	97,723	232,284	
Of 65 years and upwards.	20,079	18,645	38,724	48,411	27,009	75,420	68,490	45,654	114,144	832
All ages ..	..	..	100,737	..	..	297,473	..	..	458,210	158
OUT-DOOR.‡										
Under 16 years† ..	..	..	63,516	..	..	378,289	..	..	441,805	299
Of 16 and under 65 years.	24,608	38,900	63,508	117,218	204,873	322,091	141,826	243,473	385,299	
Of 65 years and upwards.	7,159	18,896	26,055	87,981	173,724	261,705	95,140	192,620	287,760	2,096
All ages ..	..	..	152,779	..	..	982,085	..	..	1,114,864	384
TOTAL:§										
Under 16 years† ..	..	..	100,671	..	..	432,916	..	..	553,587	421
Of 16 and under 65 years.	74,207	73,859	148,066	202,180	267,337	469,517	276,387	341,196	617,583	
Of 65 years and upwards.	27,238	37,541	64,779	136,392	200,733	337,125	163,630	238,274	401,904	2,928
All ages ..	..	..	313,516	..	..	1,259,558	..	..	1,573,074	542

Note.—The Return states that, in order to avoid duplicate reckonings, persons relieved during the twelve months are entered in the Return according to their ages when they were last relieved during the twelve months, and as In-door or Out-door Paupers according as they received In-door or Out-door Relief last during the twelve months; non-resident Paupers are included only in the Returns of the Unions to which they were chargeable.

\* The figures in this column are calculated on the population at 5th April 1891, while the numbers of persons relieved include those living at the end of the year ended Lady-day, 1892 and those who died during that year.

† The sex of persons under 16 years of age cannot be given.

‡ Medical relief.—Included in the numbers of out-door paupers are the following, who were in receipt of medical relief only:—

Under 16 years ..	..	..	12,142	..	..	53,434	..	..	68,576	
Of 16 and under 65 years.	10,489	13,530	24,019	44,305	48,706	93,010	54,794	62,235	117,029	..
Of 65 years and upwards.	2,519	3,247	5,766	8,714	10,997	19,711	11,233	14,344	26,477	..
All ages ..	..	..	41,927	..	..	169,155	..	..	211,082	..

## CLASSIFICATION OF PAUPERS BY AGE.

## IRELAND.

TABLE 80.—NUMBERS OF SEPARATE INDIVIDUALS of the under-mentioned AGES in RECEIPT, at any time during the Year ended LADY-DAY, 1892, of IN-DOOR and OUT-DOOR RELIEF in IRELAND; together with the RATIO of such PERSONS per 10,000 of the POPULATION.

[Compiled from Parliamentary Paper No. 360 of 1892.]

Ages of Persons relieved.	Males.	Females.	Total.	Ratio of Persons relieved per 10,000 of the Population living at the various Ages.*
IN-DOOR.				
Under 16 years ... ..	20,967	20,643	41,610	} 492
Of 16 and under 65 years ...	119,438	55,602	175,040	
Of 65 years and upwards ...	22,720	17,446	40,166	1,336
All ages ... ..	163,125	93,691	256,816	546
OUT-DOOR.				
Under 16 years ... ..	23,424	23,005	46,429	} 188
Of 16 and under 65 years ...	12,932	23,443	36,375	
Of 65 years and upwards ...	12,401	28,222	40,623	1,351
All ages ... ..	48,757	74,670	123,427	262
TOTAL.				
Under 16 years .. ...	44,391	43,648	88,039	} 680
Of 16 and under 65 years ...	132,370	79,045	211,415	
Of 65 years and upwards ...	35,121	45,668	80,789	2,687
All ages ... ..	211,882	168,361	380,243	808

NOTE.—The Return states that, in order to avoid duplicate reckonings persons relieved during the 12 months are entered in the Return according to their ages when they were last relieved during the 12 months, and as in-door or out-door paupers, according as they received in-door or out-door relief last during the 12 months; non-resident paupers are included only in the Returns of the Unions to which they were chargeable.

\* The figures in this column are calculated on the population at 5th April 1891, while the numbers of persons relieved include those living at the end of the year ended Lady-Day, 1892, and those who died during that year.

THE PROFIT-SHARING SYSTEM.

[From Report on Profit-Sharing, by the Labour Department of the Board of Trade (C. 7458 of 1894), with additions and corrections based upon later information.]

NUMBER OF PROFIT-SHARING SCHEMES STARTED.

TABLE 81.—NUMBER of FIRMS in the BRITISH EMPIRE that adopted PROFIT-SHARING SCHEMES in each Year since 1829, the NUMBER of such PROFIT-SHARING SCHEMES that have now ceased to exist, and the NUMBER that are still in operation, so far as Particulars could be obtained.

Year.	Total Number of Schemes started in each Year.	Number of Schemes that have since ceased to exist.	Number as to which particulars could not be obtained.	Number known to be in operation at June 30th, 1900.
1829 ... ..	1	1	...	...
1865 ... ..	5	4	...	1
1866 ... ..	6	5	...	1
1867 ... ..	4	3	1	...
1868 ... ..	1	1	...	...
1870 ... ..	1	1	...	...
1871 ... ..	2	2	...	...
1872 ... ..	4	4	...	...
1873 ... ..	2	1	...	1
1874 ... ..	1	1	...	...
1876 ... ..	3	1	1	1
1878 ... ..	2	...	...	2
1880 ... ..	2	1	...	1
1881 ... ..	3	1	...	2
1882 ... ..	2	1	...	1
1883 ... ..	3	2	1	...
1884 ... ..	3	1	...	2
1885 ... ..	3	2	...	1
1886 ... ..	6	2	1	3
1887 ... ..	7	4	...	3
1888 ... ..	8	1	2	5
1889 ... ..	20	8	...	12
1890 ... ..	33	17	3	13
1891 ... ..	17	8	1	8
1892 ... ..	17	9	2	6
1893 ... ..	5	3	1	1
1894 ... ..	5	1	...	4
1895 ... ..	8	6	...	2
1896 ... ..	5	1	...	4
1897 ... ..	3	...	...	3
1898 ... ..	3	...	...	3
1899 ... ..	1	...	...	1
1900 (6 months)	3	...	...	3
Total ...	189	92	13*	84†

\* Including 2 in British colonies.  
† Including 5 (of which 1 was started in 1885, 1 in 1888, 2 in 1891, and 1 in 1896) in British colonies.

**TRADES IN WHICH PROFIT-SHARING SCHEMES HAVE BEEN ADOPTED.**

**TABLE 82.—NATURE of BUSINESSES in which PROFIT-SHARING SCHEMES have been adopted by FIRMS in the BRITISH EMPIRE, and NUMBER of PERSONS employed in the BUSINESSES in which such Schemes are now in operation, so far as Particulars could be obtained.**

Nature of Business.	Number of Businesses			Number of Persons employed in Businesses in which Profit-sharing was known to exist at	
	In which Profit-sharing having been instituted no longer exists.	As to which particulars could not be obtained.	In which Profit-sharing was known to exist at 30th June, 1900.	30th June 1900.	30th June 1899.
Building trades .. ..	4	1	4	189	174
Metal, engineering, and ship-building trades:—					
Metal .. .. .	7	..	2	843	580
Engineering and ship-building.	9	1*	7	29,860	26,987
Textile trades .. .. .	5	..	7	3,809	3,644
Clothing trades .. .. .	8	..	1	57	67
Transport .. .. .	1	..	..	..	..
Agriculture .. .. .	8	1	5	331	303
Printing, paper, and allied trades:—					
Printing .. .. .	11	3	9	1,916	2,437
Other .. .. .	2	..	3	645	649
Woodworking and furnishing trades.	3	..	2	530	473
Chemical, glass, pottery, &c	5	2	4	1,083	1,083
Food and tobacco .. ..	7	..	6	5,809	5,373
Gas works and tar distilling	..	..	3	5,322	4,932
Fibre and cane working ..	..	..	1*	109	109
Other businesses .. ..	18	5†	30‡	4,978	4,559
<b>Total .. .. .</b>	<b>92</b>	<b>13</b>	<b>84</b>	<b>55,261</b>	<b>51,829</b>

\* Colonial. † Including 1 colonial firm.  
‡ Including 3 colonial firms, employing 510 persons, and 1, the number of whose employees is not known, either for 1900 or 1899.



CAUSES OF CESSATION OF PROFIT-SHARING SCHEMES.

TABLE 83.—NUMBER of PROFIT-SHARING SCHEMES (adopted by FIRMS in the BRITISH EMPIRE) that have ceased to exist since 1829, owing to the under-mentioned Causes, so far as Particulars could be obtained.

Causes of Cessation.	Number of Cases.
Death of employer .. .. .	2
Job finished .. .. .	2
Enterprise abandoned .. .. .	2
Liquidation or dissolution .. .. .	17
Changes in, or transfer of business .. .. .	5
Losses or want of success .. .. .	18
Diminution of profits .. .. .	2
Apathy of employees .. .. .	7
Dissatisfaction of employees and grant of increased wages .. .. .	1
Disputes with employees .. .. .	3
Dissatisfaction of employers with results .. .. .	23
Grant of shorter hours .. .. .	1
Substitution of fixed rate of interest .. .. .	1
Special circumstances .. .. .	5
Cause not known .. .. .	5
Total .. .. .	92

RATIO OF BONUS TO WAGES UNDER PROFIT-SHARING SCHEMES.

TABLE 84.—RATIO between BONUS and WAGES in 1898 and 1899 respectively in FIRMS in the BRITISH EMPIRE having in operation PROFIT-SHARING SCHEMES, so far as Particulars could be obtained.

Ratio of Bonus allotted to Wages in Cases referred to in Cols. 2-7.  (1.)	1898.			1899.		
	Number of Cases.*	Number of Em- ployees.	Number of Par- ticipants.	Number of Cases.*	Number of Em- ployees.	Number of Par- ticipants.
(1.)	(2.)	(3.)	(4.)	(5.)	(6.)	(7.)
Nil .. .. .	17	3,309	..	12	1,923	..
Under 1 per cent. .. .. .	3	1,966	1,949	3	1,834	1,660
1 and under 3 per cent. .. .. .	8	770	622	8	1,664	1,278
3 " 5 " .. .. .	7	1,394	923	10	2,190	1,390
5 " 7 " .. .. .	15	4,113	1,820	14	4,127	2,234
7 " 9 " .. .. .	8	5,300	4,068	6	5,677	3,965
9 " 11 " .. .. .	11	1,793	711	3	1,725	1,232
11 " 13 " .. .. .	2	67	55	3	90	77
13 " 15 " .. .. .	2	218	147	3	1,158	885
15 " 16 " .. .. .	1	790	216	1	90	22
17 " 18 " .. .. .	1	395	361	1	90	35
18 " 19 " .. .. .	1	1,550	1,084	..	..	..
32 " 33 " .. .. .	1	3,257	2,832	..	..	..
37 per cent. .. .. .	..	..	..	1	3,220	3,058
Total .. .. .	75†	23,922	14,738	65‡	23,727	15,804
MEAN BONUS, in all cases.	5·5 per cent. on wages.			5·4 per cent. on wages.		
AVERAGE BONUS in the cases in which bonus was paid, taking into account the number of participants in each case.	11·8 per cent. on wages.			12·1 per cent. on wages.		

\* In 1 case in 1899, and in a few cases in 1898, in which the bonus is calculated separately for distinct branches of a business, the ratios are stated separately for each branch.  
† Including 3 colonial firms, with 523 employees.  
‡ Including 2 colonial firms, with 512 employees.

## CHANGES IN RATES OF WAGES.

## SUMMARY.\*

TABLE 85.—NUMBER of WORKPEOPLE affected by CHANGES in WAGES and the TOTAL and AVERAGE AMOUNT of the Increase or Decrease in each of the Years 1894-1900.†

	1894.	1895.	1896.	1897.	1898.	1899.	1900.†
<b>Number of Changes.</b>							
Increases .. .. .	606	624	1,471	1,411	1,345	1,569	1,276
Decreases .. .. .	171	180	136	107	61	24	39
Total .. .. .	779	804	1,607	1,518	1,406	1,593	1,315
<b>Aggregate Number of Workpeople Affected.‡</b>							
By increases .. .. .	321,011	93,961	558,744	635,907	1,536,271	2,495,864	2,724,700
„ decreases .. .. .	917,727	917,722	369,297	46,675	38,632	133,394	36,500
Total .. .. .	1,238,738	1,011,703	928,041	682,582	1,574,903	2,629,258	2,761,200
<b>Number of Separate Individuals Affected.</b>							
By increases .. .. .	175,615	79,867	362,226	560,707	1,003,290	1,174,444	1,066,400
„ decreases .. .. .	488,357	351,896	167,357	13,855	11,865	1,132	21,900
„ equalising changes§ ..	6,414	4,956	58,072	22,832	14	..	..
Total .. .. .	670,386	436,718	607,654	597,444	1,015,169	1,175,576	1,088,300
<b>Total Computed Amount of Change per Week.</b>							
Increases : - - - -	£ 17,495	£ 7,303	£ 41,352	£ 34,249	£ 82,250	£ 92,598	£ 207,790
Decreases .. .. .	62,586	35,514	14,760	2,742	1,435	1,093	4,550
Net result   ..	- 45,091	- 28,211	+ 26,592	+ 31,507	+ 80,815	+ 90,905	+ 203,240
<b>Average Weekly Rise or Fall per head in Rates of Wages of the Separate Individuals Affected.</b>							
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Increase .. .. .	0 10½	1 6½	1 9½	1 2	1 7½	1 6½	3 10½
Decreases .. .. .	2 1½	1 11½	0 10½	1 11½	1 4	1 10	2 5½
Net result   ..	- 1 4½	- 1 3½	+ 0 10½	+ 1 0½	+ 1 7	+ 1 6½	+ 3 8½

\* For all trades except seamen, railway servants, and agricultural labourers.

† The figures for 1894-9 have been extracted from the Annual Reports of the Board of Trade on Changes in Wages and Hours. Those for 1900 are preliminary only and subject to revision.

‡ Counting individuals as many times as their wages changed.

§ Upward and downward changes, leaving wages at the same level at the end of the year as at the beginning.

|| Increase (+), Decrease (-).

## CHANGES IN WAGES CLASSIFIED BY INDUSTRIES.

TABLE 86.—NUMBER of INDIVIDUALS whose RATES of WAGES were INCREASED (+) and DECREASED\* (−) respectively in each of the Years 1894–1900,† and NET EFFECT of such CHANGES on the WEEKLY WAGES of those affected.

	1894.	1895.	1896.	1897.	1898.	1899.	1900.†
<b>Building Trades.</b>							
No. who had Increases .. ..	32,618	24,431	88,922	83,219	74,725	66,242	68,600
No. who had Decreases .. ..	101	..	24	..	..	..	8,100
Amount of change per week ..	+ £2,334	+ £2,066	+ £9,141	+ £8,833	+ £7,739	+ £6,640	+ £6,580
<b>Mining and Quarrying.</b>							
No. who had Increases .. ..	96,491	14,127	3,961	249,270	673,905	666,583	694,800
No. who had Decreases .. ..	437,938	313,192	149,175	1,319	..	..	4,000
Amount of change per week ..	− £46,746	− £30,987	− £5,415	+ £6,909	+ £67,680	+ £54,151	+ £187,110
<b>Metal, Engineering and Ship-building Trades.</b>							
No. who had Increases .. ..	18,344	18,392	240,777	176,918	212,261	156,311	87,900
No. who had Decreases .. ..	39,384	26,431	13,043	7,768	3,295	310	6,700
Amount of change per week ..	− £1,864	+ £47	+ £19,517	+ £11,366	+ £12,460	+ £20,441	+ £15,990
<b>Textile Trades.</b>							
No. who had Increases .. ..	8,662	10,192	7,122	3,894	3,376	232,423	122,900
No. who had Decreases .. ..	3,986	5,396	2,834	4,115	5,602	231	..
Amount of change per week ..	+ £335	+ £153	+ £46	+ £77	− £159	+ £5,871	+ £5,910
<b>Clothing Trades.</b>							
No. who had Increases .. ..	3,457	1,785	2,687	1,939	1,065	2,704	8,490
No. who had Decreases .. ..	1,450	40	700	..	1,500	500	..
Amount of change per week ..	+ £335	+ £188	+ £219	+ £189	+ £48	+ £180	+ £950
<b>Miscellaneous Trades.</b>							
No. who had Increases .. ..	4,894	4,101	24,464	24,490	25,819	30,852	70,500
No. who had Decreases .. ..	5,468	6,740	1,340	648	1,468	91	3,100
Amount of change per week ..	− £166	− £286	+ £2,202	+ £2,619	+ £2,200	+ £2,474	+ £5,640
<b>Employees of Public Authorities.</b>							
No. who had Increases .. ..	9,149	6,839	14,282	20,977	12,139	19,524	13,500
No. who had Decreases .. ..	80	96	241	5	..	..	..
Amount of change per week ..	+ £681	+ £559	+ £882	+ £1,514	+ £857	+ £1,148	+ £1,080
<b>Total of above.</b>							
No. who had Increases .. ..	175,615	79,867	382,225	590,707	1,003,290	1,174,444	1,068,400
No. who had Decreases .. ..	488,357	361,895	167,567	13,865	11,865	1,132	21,900
Amount of change per week ..	− £45,091	− £26,211	+ £26,592	+ £31,507	+ £80,815	+ £90,905	+ £203,240
<b>Agricultural Labourers.</b>							
No. who had Increases .. ..	Figures not available.	27,556	58,578	82,453	214,297	195,191	†
No. who had Decreases .. ..	..	92,334	40,751	4,932	2,740	248	†
Amount of change per week ..	..	− £2,639	+ £383	+ £3,411	+ £7,190	+ £6,469	†

\* The figures are exclusive of those whose wages were changed more than once in a year but remained at the same level at the end as at the beginning of the year. In estimating the amount of change per week, however, such workpeople have been accounted for.

† See Note (†) on page 108.

‡ Full information not available at time of going to press.

METHODS BY WHICH CHANGES IN WAGES WERE ARRANGED.

TABLE 87.—NUMBER of WORKPEOPLE AFFECTED by CHANGES in WAGES DURING 1899, classified according to the methods by which the changes were arranged.†

Groups of Trades.	Number of persons whose wages were changed								
	Without stoppage of work.					After stoppage of work.			
	Under Sliding Scales.	By Conciliation or Mediation.	By Arbitration.	By Mutual Arrangement or otherwise.	Total.	By Conciliation or Mediation.	By Arbitration.	By Mutual Arrangement or otherwise.	Total.
Building trades...	..	3,509	1,788	89,125	44,422	1,581	1,258	18,981	21,820
Mining and quarrying.	125,619*	352,300†	..	187,843	665,762	..	124	702	826
Metal, engineering and ship-building.	52,399	8,093	9,848	80,790	151,130	..	..	5,491	5,491
Textile trades ..	..	..	..	230,285	230,285	..	..	2,399	2,399
Clothing trades ..	..	500	..	2,568	3,068	..	70	66	136
Miscellaneous trades.	..	214	..	27,063	27,267	..	..	3,476	3,476
Employees of public authorities.	..	..	..	19,369	19,369	..	..	155	155
TOTALS in 1899	178,018	364,616	11,636	587,033	1,141,303	1,581	1,452	31,240	34,273
TOTALS in 1898	169,047	25,659	3,860	764,578	963,134	1,015	2,050	48,970	53,035
TOTALS in 1897	155,618	11,796	307	405,492	563,213	1,480	1,959	40,813	44,231

\* Some of these workpeople (1,991) were affected by local changes as well as the general changes under the South Wales sliding scale. Of these, three changes (affecting 728 workpeople) were arranged by negotiation. In the remaining eight changes stoppages of work took place, and settlements were arranged (1) by negotiation, affecting 863 workpeople, (2) by the action of the South Wales sliding scale committee, affecting 292, (3) by arbitration, affecting 10.  
† Included in this total are 103,543 workpeople (including 100,000 miners in Durham) who were affected by changes arranged by negotiation as well as by changes arranged by various Conciliation Boards. Of these 103,283 received advances without strike, and 260 after strike.

EARNINGS OF RAILWAY SERVANTS.

TABLE 88.—NUMBER of WORKPEOPLE EMPLOYED in the FIRST WEEK of DECEMBER 1896, 1897, 1898 and 1899 respectively, by 29 RAILWAY COMPANIES in the UNITED KINGDOM, and their AVERAGE WAGES PER HEAD.†

Country.	Numbers employed (First week in December.)				Average Wages per Head.			
	1896.	1897.	1898.	1899.	1896.	1897.	1898.	1899.
England and Wales (16 companies).	324,035	339,883	353,786	371,490	s. d. 24 5	s. d. 24 10½	s. d. 25 1½	s. d. 25 9½
Scotland (5 companies) ..	39,218	40,871	41,148	42,660	22 8	22 5½	22 7½	22 10½
Ireland (8 companies) ..	16,841	17,354	17,571	17,708	18 9	19 5	19 4½	19 4½
TOTAL for 29 companies	380,114	398,108	412,504	431,858	24 0½	24 4½	24 7½	25 8

Note.—The workpeople included in the table are those employed in the coaching, goods, locomotive, and engineers' departments of the Railway Companies. The 29 Companies making returns employ over 90 per cent. of all the railway servants in the United Kingdom.  
† Extracted from Board of Trade Report on Changes in Wages and Hours of Labour, Cd. 309 of 1900.

CHANGES IN WAGES OF SEAMEN.

TABLE 89.—APPROXIMATE AVERAGE INCREASE (+) or DECREASE (−) in the MONTHLY RATES of WAGES of ABLE SEAMEN and FIREMEN and TRIMMERS, shipped at the PRINCIPAL PORTS of the UNITED KINGDOM on FOREIGN-GOING VESSELS in each of the years 1896–1900.\*

Principal Ports.	1896.	1897.	1898.	1899.	1900.
Able Seamen on Sailing Vessels.					
East Coast .. .. . (Newcastle, Shields, Sunderland, Middlesbro', Hull, and Grimsby).	s. d. −0 4	s. d. +0 6	s. d. −0 4	s. d. +4 4	s. d. −1 5
Cardiff .. .. .	+0 4	+4 10	−1 8	+1 6	+0 2
Bristol, Avonmouth, Newport and Swansea.	−0 4	+4 7	−1 8	+1 10	+1 1
Liverpool .. .. .	−0 6	+0 1	+0 3	+2 7	+2 3
London .. .. .	.. .. .	.. .. .	+0 2	+5 1	+1 4
Scotland .. .. . (Glasgow, Leith, Burntisland, Methil and Grangemouth).	−0 4	+0 2	+0 3	+5 3	+0 1
Dublin and Belfast .. .. .	+0 8	+1 7	−0 10	+2 7	+1 2
All the above Ports .. .. .	.. .. .	+2 0	−0 11	+3 3	+0 9
Able Seamen on Steamships.					
East Coast .. .. . (Newcastle, Shields, Sunderland, Middlesbro', Hull and Grimsby.)	s. d. +0 2	s. d. +1 5	s. d. +3 8	s. d. +4 4	s. d. −0 5
Cardiff .. .. .	+1 2	+7 5	+1 9	+5 7	−2 0
Bristol, Avonmouth, Newport and Swansea.	+0 10	+6 1	+1 2	+7 2	−0 3
Liverpool .. .. .	+0 1	+0 1	+0 4	+0 5	−0 2
London .. .. .	−0 5	+0 5	+0 7	+6 4	+1 9
Southampton .. .. .	−0 4	−0 4	−0 3	+0 1	+1 0
Scotland .. .. . (Glasgow, Leith, Burntisland, Methil and Grangemouth).	+0 10	+0 8	+1 1	+2 7	+0 10
Dublin and Belfast .. .. .	+1 4	+6 4	.. .. .	+6 3	+0 5
All the above Ports .. .. .	+0 3	+2 5	+1 6	+3 5	−0 3
Firemen and Trimmers.					
East Coast .. .. . (Newcastle, Shields, Sunderland, Middlesbro', Hull and Grimsby).	s. d. +0 5	s. d. +1 4	s. d. +3 8	s. d. +4 6	s. d. −0 6
Cardiff .. .. .	+1 3	+4 8	+0 9	+5 8	−2 2
Bristol, Avonmouth, Newport and Swansea.	+1 1	+4 4	+1 4	+6 3	−0 2
Liverpool .. .. .	+0 1	−0 1	−0 1	+0 6	+0 1
London .. .. .	+0 1	+0 5	+0 6	+5 9	+1 4
Southampton .. .. .	−0 8	−0 2	+0 5	.. .. .	−0 1
Scotland .. .. . (Glasgow, Leith, Burntisland, Methil and Grangemouth).	+0 5	+1 4	+1 4	+1 3	+0 6
Dublin and Belfast .. .. .	+1 1	+6 5	+0 2	+6 0	+0 6
All the above Ports .. .. .	+0 1	+1 3	+1 4	+3 0	−0 1

\* The figures for 1896–99 have been extracted from the Annual Reports of the Board of Trade on Changes in Wages and Hours. Those for 1900 will appear in the Report for that year.

## CHANGES IN WAGES OF AGRICULTURAL LABOURERS.

TABLE 90.—TABLE showing for each of the Years 1895-9 the TOTAL NUMBER of MALE AGRICULTURAL LABOURERS in DISTRICTS of ENGLAND and WALES in which the predominant rates of wages Increased or Decreased, together with the computed AGGREGATE and AVERAGE changes in weekly wages.\*

	1895.	1896.	1897.	1898.	1899.
1. Total number of Labourers in Districts in which the predominant rates of wages—					
Increased .. .. .	27,566	58,578	82,453	214,297	195,191
Decreased .. .. .	92,394	40,751	4,932	2,740	248
2. Total computed amount of changes in weekly cash wages—					
Increases .. .. .	£ 727	£ 2,064	£ 2,536	£ 7,245	£ 6,474
Decreases .. .. .	3,356	1,661	125	55	5
Net result—Increase (+), decrease (-).	- 2,629	+ 393	+ 2,411	+ 7,190	+ 6,469
3. Average amount of change in weekly cash wages per head of the labourers in Districts affected—					
Increases . . . . .	d. 8½	d. 8½	d. 7½	d. 8	d. 8
Decreases .. .. .	8½	10	6	4½	4½
Net result—Increase (+), decrease (-).	- 5½	+ 1	+ 6½	+ 8	+ 8

TABLE 91.—TABLE showing by DISTRICTS the NET EFFECT of CHANGES in CASH RATES of WAGES of MALE AGRICULTURAL LABOURERS in ENGLAND and WALES for each of the years 1895-9.\*

Year.	England.				Wales.	Total England and Wales.
	Northern Counties.	Yorkshire, Lanca- shire, and Cheshire.	Eastern and Midland Counties.	Southern and Western Counties.		
Total number of labourers in districts affected by changes.						
1895 .. ..	3,766	3,942	89,576	20,441	2,185	119,690
1896 .. ..	5,662	2,897	69,669	20,901	..	99,329
1897 .. ..	6,156	2,254	58,078	17,968	2,909	87,335
1898 .. ..	2,151	5,111	157,150	46,687	5,938	217,037
1899 .. ..	7,256	12,536	121,474	51,704	2,469	195,439
Total computed net amount of changes in weekly cash wages.†						
1895 .. ..	+ £ 44	- £ 126	- £ 2,045	- £ 575	+ £ 73	- £ 2,629
1896 .. ..	- 43	+ 100	+ 666	- 940	..	+ 393
1897 .. ..	+ 148	+ 82	+ 1,728	+ 478	- 25	+ 2,411
1898 .. ..	+ 49	+ 176	+ 5,454	+ 1,345	+ 166	+ 7,190
1899 .. ..	+ 239	+ 408	+ 4,116	+ 1,800	+ 106	+ 6,469
Average amount of change in weekly cash wages per head of labourers in districts affected.†						
1895 .. ..	+ d. 2½	- d. 7½	- d. 5½	- d. 6½	+ d. 8½	- d. 5½
1896 .. ..	- 1½	+ 8½	+ 2½	- 4	..	+ 1
1897 .. ..	+ 5½	+ 8½	+ 7½	+ 6½	- 2	+ 6½
1898 .. ..	+ 5½	+ 8½	+ 8½	+ 7	+ 6½	+ 8
1899 .. ..	+ 8	+ 7½	+ 8½	+ 7½	+ 10½	+ 8

\* Extracted from Board of Trade Report on Changes in Wages and Hours of Labour Od. 308 of 1900.

† Increase (+); Decrease (-).

PERCENTAGE CHANGES IN COAL MINERS' WAGES.

TABLE 92.—PERCENTAGE INCREASE (+) or DECREASE (—) on the STANDARD TONNAGE RATES for getting COAL in the PRINCIPAL COAL MINING DISTRICTS of GREAT BRITAIN, in each YEAR between 1ST OCTOBER, 1886 (the date of the BOARD of TRADE Census of Wages), and 31ST DECEMBER, 1900.

Year.	Federated Districts.*	South Wales and Monmouth-shire.	Durham.	Northum-berland.	West Scotland.	Fife and Olack-mannan.
	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.	Per cent.
1886 (October to De-cember).	..	- 2½	..	..	..	..
1887 .. .. .	..	- 2½	..	- 12½	+ 4½	+ 10
1888 .. .. .	+ 10	+ 5	..	+ 5	+ 10½	- 5
1889 .. .. .	+ 10	+ 17½	+ 21½	+ 37½	+ 41½	+ 32½
1890 .. .	+ 20	+ 27½	+ 5	+ 11½	..	+ 12½
Percentage above Standards of Hewers' Wages at end of 1890	40	52½	30	31½	50	50
1891 .. .. .	..	+ 1½	+ 5	- 1½	..	..
1892 .. .. .	..	- 31½	- 10	- 10	- 25	- 25
1893 .. .. .	..	- 2½	..	..	+ 25	+ 12½
1894 .. .. .	- 10	+ 1½	..	- 2½	- 25	- 12½
1895 .. .. .	..	- 8½	- 10	- 10	- 12½	- 12½
1896 .. .. .	..	- 2½	..	- 3½	..	- 12½
Percentage above Standards of Hewers' Wages at end of 1896	30	10	15	2½	12½	Standard
1897 .. .. .	..	+ 1½	+ 2½	+ 2½	..	+ 12½
1898 .. .. .	+ 2½	+ 8½	+ 7½	+ 12½	+ 37½	+ 30
1899 .. .. .	+ 7½	+ 10	+ 8½	+ 6½	+ 6½	+ 11½
1900 .. .. .	+ 10	+ 43½	+ 31½	+ 36½	+ 42½	+ 48½
Net percentage Increase between October 1886 and 31st Dec. 1900.	50	66½	61½	61½	106½	97½
Percentage above Standards of Hewers' Wages at end of 1900	50	73½	65	61½	190	97½

\* Including Yorkshire, Lancashire, Cheshire, Derby, Notts, Leicesters, Salop, part of Stafford and part of Worcester, Warwick, Bristol and N. Wales.

7190

H

## WAGES OF COTTON OPERATIVES.

TABLE 93.—STATEMENT showing the PERCENTAGE above (+) or below (—)  
LIST PRICES paid to COTTON SPINNERS and WEAVERS in LANCASHIRE at  
the end of each of the Years 1853–1900.

(Extracted from the Report on Standard Time Rates of Wages in 1900.—Cd. 317.)

YEAR.	COTTON SPINNING.		COTTON WEAVING.
	Bolton List.	Oldham List.	Blackburn and Uniform- List.
1853	•	•	Blackburn list adopted +10
1854	•	•	List prices
1855	•	•	List prices
1856	•	•	List prices
1857	•	•	List prices
1858	List adopted	•	List prices
1859	List prices	•	List prices
1860	+5	•	+ 5
1861	List prices	•	List prices
1862	List prices	•	List prices
1863	List prices	•	List prices
1864	List prices	•	List prices
1865	List prices	•	List prices
1866	+5	•	List prices
1867	List prices	•	List revised
1868	List prices	•	List prices
1869	-5	•	- 5
1870	-5	•	List prices
1871	List prices	•	List prices
1872	+5	•	List prices
1873	+5	•	List prices
1874	List prices	•	List prices
1875	+5	•	List prices
1876	+5	List adopted	List prices
1877	List prices	- 5	List prices
1878	List prices	-15	-10
1879	-10	-20	-15
1880	- 5	-15	-15
1881	- 5	-10	-10
1882	- 5	-10	-10
1883	- 5	-10	-15
1884	- 5	-10	-10
1885	-10	-15	-10
1886	-10	-15	-10
1887	-10	-15	-10
1888	- 5	-10	-10
1889	- 5	-10	-10
1890	List prices	-10	-10
1891	List prices	- 5	-10
1892	List prices	- 5	Uniform list adopted -10
1893	List prices	- 7½	-10
1894	List prices	- 7½	-10
1895	List prices	- 7½	-10
1896	List prices	- 7½	-10
1897	List prices	- 7½	-10
1898	List prices	- 7½	-10
1899	List prices	- 5	7½
1900	+ 5	List prices	- 7½

\* It is not possible to give particulars for years prior to the adoption of the District lists.



PERCENTAGE CHANGES IN RATES OF WAGES IN THE FLAX AND JUTE TRADES IN DUNDEE SINCE 1873.

TABLE 94.—STATEMENT showing the PERCENTAGE INCREASES and DECREASES in RATES of WAGES ascertained to have taken effect in the FLAX and JUTE TRADES in DUNDEE since 1873.

[Extracted from Part I. of the Report on Changes in the Employment of Women and Girls.—C.—8794 of 1898. The figures for 1899 have been added from returns furnished to the Department.]

Date of Change.	Nature of Change.		Date of Change.	Nature of Change.	
	Increases.	Decreases.		Increases.	Decreases.
1873.	Per Cent.	Per Cent.	1885.	Per Cent.	Per Cent.
July ... ..	5	...	March ... ..	...	5
			September ...	...	2½ to 5
1875.			1886.		
May ... ..	...	10	June ... ..	...	5
July ... ..	...	5			
November ...	5	...	1887.		
			January ... ..	5	...
1877.			1888.		
August ... ..	...	5	September ...	5	...
			December ...	5	...
1878.			1889.		
November ...	...	5	September ...	5	...
1879.			1890.		
February ...	...	5	February ...	5†	...
December ...	5	...			
			1892.		
1883.*			May ... ..	...	5
January ...	5	...			
August ...	5	...	1899.		
			December ...	5	...
1884.					
March ... ..	...	5			
July ... ..	...	5			
November ...	...	5†			

\* In September, 1882, mechanics' wages were advanced 5 per cent, but no alteration was made in the wages of other workpeople.  
† This reduction affected the wages of piece-workers and mechanics only, the mill hands on set wages were not reduced.  
‡ This advance was to the mill workers, including reelers and winders, and did not affect factory workers and mechanics.

## CHANGES IN HOURS OF LABOUR.

## SUMMARY.\*

TABLE 95.—NUMBER of WORKPEOPLE affected by CHANGES in HOURS of LABOUR, and the TOTAL and AVERAGE AMOUNT of the REDUCTION per week, in each of the Years 1894–1900.†

—	1894.	1895.	1896.	1897.	1898.	1899.	1900.
Number of Changes.							
Increases.. .. .	2	12	23	7	9	4	4
Decreases .. .. .	219	129	223	247	193	205	143
Total .. .. .	221	141	245	254	202	209	147
Number of separate individuals affected.							
By increases .. .. .	128	1,287	73,616	1,060	1,277	2,600	870
„ decreases .. .. .	77,030	21,448	34,653	69,572	37,772	33,349	54,890
Total .. .. .	77,158	22,735	108,271	70,632	39,049	35,949	55,560
Net computed amount of reduction per week.							
Aggregate .. .. .	311,545	44,105	78,533	284,875	81,917	127,142	227,700
Per head of those affected..	4.04	1.94	0.73	4.03	2.10	3.54	4.10

## THE "EIGHT HOURS" DAY.

TABLE 96.—NUMBER of WORKPEOPLE reported to have been affected by Reductions to, and Reversions from, the Eight-hours day, in each of the Years 1894–1900.†

—	1894.	1895.	1896.	1897.	1898.	1899.	1900.†
Number reduced to the eight-hours' day.							
Workpeople in private establishments.	8,690	163	645	10,932	2,087	2,297	26,010
Employees of public authorities.	43,400	889	923	502	13	1,019	72
Totals .. .. .	52,090	1,052	1,568	11,434	2,099	3,316	26,082
Number who reverted from the eight-hours' day to longer hours.							
Workpeople in private establishments.	—	723	263	300	146	—	—

\* For all trades except seamen, railway servants, and agricultural labourers.

† The figures for 1894–9 have been extracted from the Annual Reports of the Board of Trade on Changes in Wages and Hours. Those for 1900 are preliminary only and subject to revision.

### CHANGES IN HOURS OF LABOUR CLASSIFIED BY INDUSTRIES.

TABLE 97.—NUMBER of INDIVIDUALS whose HOURS of LABOUR were INCREASED and DECREASED respectively in each of the Years 1894–1900,\* and EFFECT of such CHANGES on the TOTAL WEEKLY HOURS of LABOUR of those affected.

	1894.	1895.	1896.	1897.	1898.	1899.	1900*.
<b>Building Trades.</b>							
No. who had Increases .. ..	43	420	69,830	..	994	2,050	740
No. who had Decreases .. ..	10,119	12,180	9,900	16,084	18,818	8,013	8,330
Reduction in Hours per week ..	24,181	18,351	4,792	18,968	26,163	9,350	7,830
<b>Mining and Quarrying.</b>							
No. who had Increases .. ..	..	3	174	55	..	580	..
No. who had Decreases .. ..	1,957	2,341	500	77	786	3,328	26,250
Reduction in Hours per week ..	6,678	8,902	2,068	307	2,912	12,782	157,550
<b>Metal, Engineering and Ship-building Trades.</b>							
No. who had Increases .. ..	..	570	450	150	132	..	..
No. who had Decreases .. ..	4,496	2,734	6,945	39,930	4,900	7,370	3,850
Reduction in Hours per week ..	34,632	53	9,440	180,102	14,474	32,048	16,040
<b>Textile Trades.</b>							
No. who had Increases .. ..	..	77	..	..	..	..	..
No. who had Decreases .. ..	989	359	125	373	42	118	120
Reduction in Hours per week ..	4,519	1,152	481	970	157	118	280
<b>Clothing Trades.</b>							
No. who had Increases .. ..	..	..	820	..	55	..	..
No. who had Decreases .. ..	962	298	1,901	..	2,544	2,563	2,300
Reduction in Hours per week ..	4,776	646	1,683	..	4,365	5,930	6,180
<b>Miscellaneous Trades.</b>							
No. who had Increases .. ..	85	211	271	150	100	..	130
No. who had Decreases .. ..	12,194	1,504	12,298	21,067	8,852	6,476	11,850
Reduction in Hours per week ..	50,788	4,161	46,686	71,345	25,538	18,568	27,600
<b>Employees of Public Authorities.</b>							
No. who had Increases .. ..	..	6	2,071	705	..	..	..
No. who had Decreases .. ..	48,313	2,032	2,966	2,141	1,830	5,681	2,480
Reduction in Hours per week ..	185,971	10,340	13,383	12,965	7,306	48,381	12,240
<b>Total of above.</b>							
No. who had Increases .. ..	128	1,287	73,816	1,060	1,277	2,600	870
No. who had Decreases .. ..	77,030	21,448	34,855	69,572	37,772	33,349	54,890
Reduction in Hours per week ..	311,545	44,105	78,533	284,675	81,917	127,142	227,700

\* See Note (†) on page 116.

RATES OF WAGES AND HOURS OF LABOUR  
UNIONS AT

TABLE 98.—MINIMUM RATES of WAGES and the usual HOURS of LABOUR  
UNITED KINGDOM by the principal TRADE

NOTE.—In many cases the rates have been agreed upon  
[Compiled from the periodical Reports of the Trade Societies, and, in

TOWNS.	BRICKLAYERS.		MASONS.		CARPENTERS and JOINERS (House).	
	Rate of Wages per Hour.	Summer Hours of Labour.	Rate of Wages per Hour.	Summer Hours of Labour.	Rate of Wages per Hour.	Summer Hours of Labour.
ENGLAND & WALES.	d.		d.		d.	
Barrow-in-Furness ..	9	54½	9	54	8½	54
Birmingham .. ..	9½	54	10	51	9½	51
Blackburn .. ..	10	49	9½	49	9	49
Bolton .. ..	10	49½	9½	48½	9½	49½
Bradford .. ..	8½	50	9½	49½	9	49½
Brighton .. ..	8	56½	9	55½	8	56½
Bristol .. ..	9	54	9	54	9	54
Cardiff .. ..	9	54	9	54	9	54
Huddersfield .. ..	9	49½	9	49½	8½	49½
Hull .. ..	9	53	9½	53	9	53
Ipswich .. ..	7½	56½	8	56½	7½	56½
Leeds .. ..	9½	49½	9	49½	9	49½
Leicester .. ..	9	56½	9	53	9	53
Liverpool .. ..	9½	49½	9½	49½	9½	49½
London* .. ..	10	50	10½	50	10½	50
Manchester .. ..	10	54½	9½	49½	9½	49½
Middlesbrough .. ..	10	52	9	49½	9	50
Newcastle-on-Tyne..	10	50	10	44½	10	50
Norwich .. ..	7½	56	7½	56	7½	56
Nottingham .. ..	9	54	9½	51½	9	53½
Oldham .. ..	10	54½	9½	48½	9½	51
Plymouth .. ..	8	53	8	53	8	53
Portsmouth .. ..	8½	56½	8½	56½	8	56½
Preston .. ..	10	49½	9½	49½	8½	49½
Reading .. ..	8½	56½	8½	56½	8½	56½
Sheffield .. ..	9½	49½	9½	49½	9	49½
Southampton .. ..	8	56½	7½† 8½	56½	8	56½
Stockton-on-Tees ..	10	52	..	..	9	50
Sunderland .. ..	10	50	10	44½	9½	50
Swansea .. ..	..	..	8½	54	8½	54
Wigan .. ..	10	54½	9½	49½	9	54½
Wolverhampton ..	8½	54	9	54	9	54
SCOTLAND.						
Aberdeen .. ..	..	..	8	51	8	51
Dundee .. ..	..	..	8½	51	9	51
Edinburgh .. ..	10	51	9	51	9	51
Glasgow .. ..	10	51	9½	51	10	51
IRELAND.						
Belfast .. ..	8½	54	..	..	8½	54
Dublin .. ..	8½	54	8† 8½†	54	8† 8½†	54

\* The London District under the agreements regulatin wages in the Building Trade includes places within a 12-mile radius of Charing Cross, excot in the case of the Plumbers, who have agreed to a 6-mile radius.

RECOGNISED BY THE PRINCIPAL TRADE  
1st JANUARY, 1901.

(exclusive of Overtime) recognised at the under-mentioned TOWNS of the  
UNIONS for the Occupations specified, at the beginning of 1901.  
between the Employers' Associations and the Trade Unions.  
*some cases, from information specially furnished to the Department.]*

PLUMBERS (House).		PLASTERERS.		PAINTERS.		TOWNS.
Rate of Wages per Hour.	Summer Hours of Labour.	Rate of Wages per Hour.	Summer Hours of Labour.	Rate of Wages per Hour.	Summer Hours of Labour.	
d.		d.		d.		ENGLAND & WALES.
8½,† 9†	54	9	54	8½, 8½	54	Barrow-in-Furness.
9½	54	10	54	8½	50½	Birmingham.
9	49	9	49	8½	51½	Blackburn.
9	49	10	49½	8½	51½	Bolton.
9	49½	9½	49½	7½	52	Bradford.
8	56½	8½	..	7	50½	Brighton.
9	54	9	54	8½	54	Bristol.
9	54	9	54	8	54	Cardiff.
7½	50	8½	49½	7½	53	Huddersfield.
9	53	9	53	8	53	Hull.
8	56	8	50½	6½	50½	Ipswich.
8½	49½	9½	49½	8	50	Leeds.
9	54	10	53	8	50½	Leicester.
9½	49½	9½	49½	8½	49½	Liverpool.
11	47	11	50	8½, 9	50	London.*
9½	49½	10	52	8½	52	Manchester.
8½	53	10	52	7½	53	Middlesbrough.
9	53	10	50	8½	50	Newcastle-on-Tyne.
7½	56	8	56	6	56	Norwich.
9	54	10	54	8½	54	Nottingham.
9	51½	9	49	8½	54	Oldham.
8	53	8	53	7	52½	Plymouth.
7½	56	8½	55½	6½	55	Portsmouth.
8½	49½	8½	49½	8	49½	Preston.
8½	55½	9	55½	7	56½	Reading.
9	49½	9	49½	7½	56	Sheffield.
8	56½	8	56½	7	56½	Southampton.
8½	53	10	..	7½	53	Stockton-on-Tees.
37s. 6	53	10	50	8½	50	Sunderland.
8† 9†	54	8½	..	7½	54	Swansea.
8½† 8½†	54½	9	54½	8½	54½	Wigan.
9	54	8½	54	7½	54	Wolverhampton.
						SCOTLAND.
8	51	8½	51	8	51	Aberdeen.
9	51	9	51	8½	51	Dundee.
9	51	9½	..	8½	51	Edinburgh.
9½	51	9½	..	9	51	Glasgow.
						IRELAND.
8½	54	8½	54	8½	54	Belfast.
6s. per day	51	8	54	8	50	Dublin.

† Summer. ‡ Winter. § Per Week.

RATES OF WAGES AND HOURS OF LABOUR RECOGNISED  
TABLE 98.—MINIMUM RATES of WAGES and the usual HOURS of LABOUR  
KINGDOM by the principal TRADE UNIONS for  
NOTE.—In many cases the rates have been agreed upon

TOWNS.	PATTERNMAKERS.		* IRON- FOUNDERS.	ENGINEERS.			
	Weekly Rate of Wages.	Weekly Hours of Labour.	Weekly Rate of Wages.	Weekly Rate of Wages.			Weekly Hours of Labour.
				Turners.	Fitters.	Smiths.	
ENGLAND & WALES.	s. d.		s. d.	s. d.	s. d.	s. d.	
Barrow-in-Furness ..	38 3	54	39 0	37 0	36 0	36 0	54
Birmingham .. ..	38 0	53	38 0	36 0	36 0	36 0	53
Blackburn .. ..	37 0	53	37 0	35 0	35 0	35 0	53
Bolton .. ..	37 0	53	39 0	35 0	35 0	35 0	53
Bradford.. ..	38 0	53	38 0	34 0	34 0	34 0	53
Brighton .. ..	35 0	54	34 0	35 0	35 0	35 0	54
Bristol .. ..	38 3	54	36 0	36 0	36 0	36 0	54
Cardiff .. ..	36 0	53	36 0	40 0†	40 0†	40 0†	53
Huddersfield .. ..	32 0	54	36 0	30 0	30 0	32 0	54
Hull .. ..	39 0	53	40 0	36 0	36 0	36 0	53
Ipswich .. ..	34 0	..	30 0	28 0	28 0	28 0	50 & 54
Leeds .. ..	37 0	53	38 0	33 0	33 0	34 0	53
Leicester .. ..	36 0	54	38 0	34 0	34 0	36 0	54
Liverpool .. ..	39 6	53	40 0	36 0	36 0	38 0	53
London .. ..	42 0	54	40 0	38 0	38 0	38 0	54‡
Manchester .. ..	40 0	53	40 0	34s., 36s.	34s. 36s.	36 0	53
Middlesbrough ..	37 0	53	38 6	36 0	36 0	36 0	53
Newcastle-on-Tyne..	38 0	53	38 0	36 0	36 0	36 0	53
Norwich .. ..	32 0	54	28 0	30 0	30 0	30 0	54
Nottingham .. ..	38 0	54	38 0	36 0	36 0	38 0	54
Oldham .. ..	37 0	53	38 0	32s. 35s.	32s. 35s.	36 0	53
Plymouth‡ .. ..	36 0	53	..	36 0	36 0	36 0	53
Portsmouth‡ .. ..	36 0	54	34 0	36 0	36 0	36 0	54
Preston .. ..	38 0	53	39 0	35 0	35 0	35 0	53
Reading .. ..	..	..	30 0	30 0	30 0	30 0	54
Sheffield.. ..	40 0	54	40 0	38 0	38 0	38 0	54
Southampton .. ..	39 0	54	35 0	37 0	37 0	37 0	54
Stockton-on-Tees ..	37 0	53	37 6	36 0	36 0	36 0	53
Sunderland .. ..	38 0	53	37 0	36 0	36 0	36 0	53
Swansea .. ..	38 3	54	36 0	36 0	36 0	36 0	54
Wigan .. ..	37 0	53	39 0	35 0	35 0	35 0	53
Wolverhampton ..	34 0	54	32 0	32 0	32 0	33 0	54
SCOTLAND.							
Aberdeen .. ..	33 6	54 & 51½	8½d.‡	30 0	30 0	30 0	54 & 56
Dundee .. ..	34 0	54	38 0	33 0	32 0	31 0	54
Edinburgh .. ..	37 1½	54	8½d.‡	34 10	34 10	..	54
Glasgow.. ..	39 0	54	8½d.‡	36 0	36 0	36 0	54
IRELAND.							
Belfast .. ..	39 0	54	38 0	38 0	37 0	37 0	54 to 56½
Dublin .. ..	35 0	54	36 0	33 0	33 0	34 0	54

\* The hours of labour of ironfounders are generally 53 or 54 per week. In the North of England 53 hours is the rule. It is stated that at a few shops the men work 48 and at some others 60 hours per week.  
† Rates for marine shops.  
‡ These rates are for men in the employ of private firms. In H.M. Dockyards, the weekly hours of labour average 48 and the wages differ from those paid by private firms.  
§ Per hour.

BY THE PRINCIPAL TRADE UNIONS AT 1st JANUARY, 1901—*cont.*  
(exclusive of Overtime) recognised at the under-mentioned TOWNS of the UNITED  
the Occupations specified, at the beginning of 1901—*continued.*  
between the Employers' Associations and the Trade Unions.

BOILER MAKERS AND IRON SHIPBUILDERS.						TOWNS.	
Weekly Rate of Wages (New work).							
Platers (Heavy).		Platers (Light).		Riveters.			
Boiler Shops.	Ship Yards.	Boiler Shops.	Ship Yards.	Boiler Shops.	Ship Yards.		
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	Weekly Hours of Labour.*	
41 5	38 9	41 5	38 9	38 3	36 6	54, 51†	ENGLAND & WALES.
38 0	..	36 0	..	32 0	..	53	Barrow-in-Furness.
39 6	..	..	..	35 6	..	53	Birmingham.
39 6	..	..	..	35 6	..	53	Blackburn.
36 0	..	36 0	..	33 0	..	53	Bolton.
42 0	..	39 0	..	36 0	..	54	Bradford.
36 0	..	36 0	..	32 0	..	54, 54*, 48*	Brighton.
42 0	39 0	..	..	39 0	36 0	53, 47*	Bristol.
..	..	36 0	..	32 0	..	54	Cardiff.
40 0	40 0	40 0	40 0	35 0	35 0	53	Huddersfield.
34 0	..	..	..	32 0	..	54	Hull.
38 0	..	38 0	..	34 0	..	53	Ipswich.
38 0	..	34 0	..	32 0	..	..	Leeds.
42 0	42 0	..	..	38 0	36 0	53, 44†	Leicester
45 0	45 0	42 0	45 0	38 0	38 0	54	Liverpool.
48 0†	48 0†	45 0†	48 0†	42 0†	42 0†	45‡	London.
39 6	..	38 0	..	35 6	..	53	Manchester.
..	38 0	39 6	38 0	38 6	36 0	..	Middlesbrough.
41 6	38 0	39 6	38 0	38 6	36 0	53, 54, 48†	Newcastle-on-Tyne.
..	..	..	..	34 0†	..	54	Norwich.
41 0	..	39 0	..	34 0	..	54	Nottingham.
39 6	..	..	..	35 6	..	53	Oldham.
..	..	..	..	..	..	..	Plymouth.
38 0	38 0	38 0	38 0	36 0	36 0	54	Portsmouth.
39 6	45 6	39 6	45 6	35 6	41 6	53	Preston.
36 0	..	..	..	30 0	..	..	Reading.
40 0	..	40 0	..	36 0	..	54	Sheffield.
39 0	..	39 0	..	36 0	..	54, 48*	Southampton.
40 6	38 0	39 6	..	35s. 6d. to 39s.	36 0	53, 47†	Stockton-on-Tees.
42 0	38 0	40 0	38 0	38 6	36 0	53, 47†	Sunderland.
7 6‡§	..	..	..	7 0‡§	..	48	Swansea.
39 6	..	39 6	..	35 6	..	53	Wigan.
38 0	..	..	..	32 0	..	53 & 5‡	Wolverhampton.
SCOTLAND.							
36 3	32 9	35 3	32 9	34 3	31 3	54	Aberdeen.
41 0	37 1½	39 0	37 1½	38 0	36 0	54	Dundee.
41 7½	..	..	..	37 6½	..	54½	Edinburgh.
41 7½ and 43 10½	36 0	39 4½ and 41 7½	36 0	37 1½ and 39 4½	33 9	54	Glasgow.
IRELAND.							
43 6	38 6	43 6	..	38 0	35 6	54	Belfast.
38 0	..	36 0	..	34 0	..	54	Dublin.

\* Where summer and winter hours vary, the winter hours are marked with a \*.  
† In Shipyards in Winter. ‡ Repair work. § Daily rate. ¶ At Leith.

**RATES OF WAGES AND HOURS OF LABOUR RECOGNISED**  
**TABLE 98.—MINIMUM RATES OF WAGES and the usual HOURS of LABOUR (exclusive**  
**the principal TRADE UNIONS for the**

NOTE.—In many cases the rates have been agreed upon

TOWNS.	SHIPWRIGHTS.			CABINET MAKERS, &C.			
	Weekly Rate of Wages.		Summer Hours of Labour.	Rate of Wages, per hour.			Weekly Hours of Labour.
	New Work.	Repair Work.		Cabinet Makers.	French Polishers.	Upholsterers.	
ENGLAND & WALES.	s. d.	s. d.		d.	d.	d.	
Barrow-in-Furness ..	38 9	41 9	54	7½d. to 8½d.	7	..	54
Birmingham ..	..	..	..	8½	8½	36s.*	54
Blackburn ..	..	..	..	8	8	8d. to 9d.	51
Bolton ..	..	..	..	8½	36s.*	8½	54
Bradford ..	..	..	..	7½	7½	7½	54
Brighton ..	..	..	..	..	..	..	..
Bristol ..	36 0	39 0	54	7d. to 8d.	6d. to 7d.	8d. to 9d.	54
Cardiff ..	..	40 0	47	7d. to 8d.	6½d. to 7½d.	8d. to 9d.	54
Huddersfield ..	..	..	..	7½	7	7½	54
Hull ..	38 6	41 6	53	7½	7½	7½	53, 56
Ipswich ..	32 11½	32 11½	56½	..	..	..	..
Leeds ..	..	..	..	..	8	8½	49½, 52½
Leicester ..	..	..	..	8½d., 9d.	8	8½	53½
Liverpool ..	39 0	42 0	53	9½	8	36s.*	47 to 54
London ..	42 0	42 0	54	10d. & 10½d.	9	9d. to 1s.†	50, 52½
Manchester ..	32 0	32 0	52	9½	8	9	..
Middlesbrough ..	40 0	43 0	53	8½	8	..	53
Newcastle-on-Tyne ..	40 6	43 6	54	9½	8½	8½	50
Norwich ..	..	..	..	5½d. to 8d.	5	6	..
Nottingham ..	..	..	..	8d. to 8½d.	8	8	54
Oldham ..	..	..	..	8½	8	8	53, 54
Plymouth ..	30 0	33 0	54	..	..	..	..
Portsmouth ..	31 6 to	33 6	48†	7	7	7	54
Preston ..	34 0	34 0	53	7½	7½	7½	52
Reading ..	..	..	..	..	..	..	..
Sheffield ..	..	..	..	7½d. to 8½d.	7	8	54
Southampton ..	37 6	37 6	54	..	31s. 8d.*	..	54
Stockton-on-Tees ..	40 0	43 0	53	..	..	..	..
Sunderland ..	40 0	43 0	53	9	8½	8½	50, 53
Swansea ..	38 0	39 0	54	8	8	8	54
Wigan ..	..	..	..	7½	7½	8	54
Wolverhampton ..	..	..	..	7½d. to 8d.	7d. to 7½d.	7d. to 7½d.	54
SCOTLAND.							
Aberdeen ..	34 10½	37 1½	54	6½	7½	7½	51
Dundee ..	37 1½	39 4½	54	7d. to 8d.	7d. to 7½d.	7d. to 7½d.	51
Edinburgh ..	38 3½	40 6½	54½	8½	7½	8½	51
Glasgow ..	38 3	40 6	54	7½d. to 8½d.	7½	8½	51
IRELAND.							
Belfast ..	38 3	40 6	54	8d. to 8½d.	36s.*	36s.*	54
Dublin ..	..	..	..	35s.*	..	35s.*	54

\* Rate per week.

† The rate varies in different districts.

‡ H.M. Dockyards. Average for year.

§ At Leith.



BY THE PRINCIPAL TRADE UNIONS AT 1st JANUARY, 1901—*cont.*  
of Overtime) recognised at the under-mentioned TOWNS of the UNITED KINGDOM by  
Occupations specified, at the beginning of 1901—*continued.*  
between the Employers' Associations and the Trade Unions.

LITHO- GRAPHIC PRINTERS.	COMPOSITORS (for Hand Composition).						TOWNS.	
	Weekly Rate of Wages.			Weekly Hours of Labour.				
	Weekly Rate of Wages.	Jobbing.	Weekly News- papers.	Daily News papers (Morn- ing).	Jobbing.	Weekly News- papers.		Daily News- papers (Morn- ing).
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>				ENGLAND & WALES.
..	33 0	33 0	..	54	54	..	..	Barrow-in-Furness.
32 6	34 6	34 6	45 0	52	52	50	50	Birmingham.
..	32 6	32 6	40 0	52	52	51	51	Blackburn.
33 0	33 0	33 0	33 0*	52	52	52*	52*	Bolton.
34 0	32 0	32 0	42 0	51	51	51	51	Bradford.
30 0	30 0	..	..	60	..	..	..	Brighton.
32 0	30 0	32 0	40 0	51	51	51	51	Bristol.
32 0	32 0	32 0	40 0	52½	52½	52½	52½	Cardiff.
32 0	30 0	30 0	38 0	51½	51½	51½	51½	Huddersfield.
30 0	32 0	32 0	42 0	53	53	50	50	Hull.
33s. & 35s.	28 0	28 0	34 0	54	54	52	52	Ipswich.
34 0	34 0	35 0	46 0	52½	52½	48	48	Leeds.
34 0	33 6	35 0	38 0	52	52	50	50	Leicester.
33 0	35 6	35 6	45 0	51	51	50	50	Liverpool.
40 0	38 0	38 0	..	54	54	..	..	London.
35 0	35 0	35 0	42 0	50	48	48	48	Manchester.
35 0	32 0	34 0	34 0*	52	52	52*	52*	Middlesbrough.
32 0	35 0	35 0	42 0	52½	52	50	50	Newcastle-on-Tyne
32 6	26 0	26 0	40 0	54	54	..	..	Norwich.
35 0	33 6	35 0	38 0	52	52	50	50	Nottingham.
..	34 0	34 0	34 0*	51½	51½	51½*	51½*	Oldham.
..	30 0	30 0	33 0	54	54	48	48	Plymouth.
..	27 0	..	..	54	..	..	..	Portsmouth.
30 0	32 6	32 6	35 0*	52	..	52*	52*	Preston.
34 0	28 0	28 0	..	52	52	..	..	Reading.
32 0	33 0	32 0	36 0	51	51	50	50	Sheffield.
..	24 0	..	..	54	..	..	..	Southampton.
35 0	30 6	..	..	53	..	..	..	Stockton-on-Tees.
30 0	33 0	..	33 0*	53	..	53*	53*	Sunderland.
..	28 6	28 6	28 6*	54	54	54*	54*	Swansea.
..	32 0	32 0	..	52	52	..	..	Wigan.
31 0	32 6	35 0	35 0*	52	52	53*	53*	Wolverhampton.
								SCOTLAND.
30 0	30 0	30 0	39 6	51	51	51	51	Aberdeen.
32 0	30 0	32s.6d. & 25s.	42 0	51	51	51	51	Dundee.
34 0	32s. & 32s.6d.	32s.6d. & 35s.	40 0	52½	52½	51	51	Edinburgh.
32 0	34 0	34s. & 35s.6d.	40 0	52½	52½	51	51	Glasgow.
								IRELAND.
35 0	32 6	34 0	42 0	52½	52½	50	50	Belfast.
35 0	35 0	..	..	54	..	..	..	Dublin.

\* Evening newspapers.

## WAGES AND EARNINGS OF ORDINARY AGRICULTURAL

TABLE 99.—AVERAGE RATES OF WEEKLY CASH WAGES AND AVERAGE TOTAL  
OF CASUAL LABOURERS) in each COUNTY

[Compiled from Report on Wages and Earnings of Agricultural

County.	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.
<b>ENGLAND.</b>			
<b>Northern Counties.</b>			
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Northumberland ... ..	17 0†	3 2	20 2†
Durham ... ..	18 0†	2 9	20 9†
Cumberland and Westmorland ... ..	17 0†	1 9	18 9†
Lancashire ... ..	18 1	1 3	19 4
Yorkshire, East Riding ... ..	15 4	3 2	18 6
" North Riding ... ..	17 0	1 8	18 8
" West Riding ... ..	16 4	2 3	18 7
<b>Midland Counties.</b>			
Derbyshire... ..	18 2	1 9	19 11
Cheshire ... ..	16 2	1 10.	18 0
Nottinghamshire ... ..	16 7	2 7	19 2
Leicestershire and Rutland ... ..	15 2	2 0	17 2
Staffordshire ... ..	15 5	2 6	17 11
Shropshire ... ..	14 1	3 4	17 5
Worcestershire ... ..	14 2	2 11	17 1
Warwickshire ... ..	14 8	1 6	16 2
Oxfordshire ... ..	12 1	2 7	14 8
Northamptonshire ... ..	14 5	2 3	16 8
Buckinghamshire ... ..	13 4	1 10	15 2
Middlesex ... ..	17 0	2 5	19 5
Hertfordshire ... ..	12 11	3 2	16 1
Bedfordshire ... ..	12 11	3 3	16 2
<b>Eastern Counties.</b>			
Huntingdonshire ... ..	12 11	2 5	15 4
Cambridgeshire ... ..	12 4	4 1	16 5
Lincolnshire ... ..	14 10	2 11	17 9
Norfolk ... ..	11 10	2 11	14 9
Suffolk ... ..	11 5	3 0	14 5
Essex ... ..	12 7	2 11	15 6

\* The term "Ordinary Labourers" covers :—

In England and Ireland—Labourers (except men specially in charge of horses, cattle and sheep) regularly employed on farms and in receipt of weekly cash wages.

In Wales—"Married Labourers" only, i.e., the men who live in cottages.

In Scotland—All classes of horsemen. Consequently no separate Table is given on pages 130-1 for men in charge of horses in Scotland.

# AGRICULTURAL LABOURERS.

## LABOURERS—1898.

WEEKLY EARNINGS of ADULT MALE AGRICULTURAL LABOURERS\* (exclusive of the UNITED KINGDOM in 1898.

*Labourers in the United Kingdom (Cd.—346 of 1900).]*

County.	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.
ENGLAND—continued.			
Southern and South-Western Counties.			
	s. d.	s. d.	s. d.
Kent ... ..	16 4	8 6	19 10
Surrey ... ..	15 7	3 5	19 0
Sussex ... ..	14 2	3 8	17 10
Hampshire ... ..	12 8	3 11	16 7
Berkshire ... ..	13 1	2 0	15 1
Wiltshire ... ..	11 9	3 3	15 0
Dorsetshire ... ..	11 8	3 1	14 9
Somersetshire ... ..	12 6	3 4	15 10
Herefordshire ... ..	12 8	3 2	15 10
Monmouthshire ... ..	14 7	2 1	16 8
Gloucestershire ... ..	12 0	3 1	15 1
Devonshire ... ..	12 11	3 5	16 4
Cornwall ... ..	13 8	2 11	16 7
Wales.			
Flintshire .. ..	16 0	1 3	17 3
Denbighshire ... ..	16 2	0 7	16 9
Carnarvonshire ... ..	16 7	0 7	17 2
Anglesey ... ..	15 0	0 6	15 6
Merionethshire ... ..	15 7	0 10	16 5
Montgomeryshire ... ..	14 7	0 10	15 5
Cardiganshire ... ..	14 0	0 9	14 9
Radnorshire ... ..	13 0	2 6	15 6
Brecknockshire ... ..	15 7	1 1	16 8
Cardmarthenshire ... ..	16 0	0 7	16 7
Pembrokeshire ... ..	14 7	1 3	15 10
Glamorganshire ... ..	18 0	1 1	19 1

+ The figures for Northumberland and Durham relate to hinds (ploughmen), and to "married labourers" in Cumberland and Westmorland. Spade hinds in Northumberland may be taken to have frequently earned about 3d. a week more than the amount quoted.

ORDINARY AGRICULTURAL

TABLE 99.—AVERAGE RATES OF WEEKLY CASH WAGES and AVERAGE TOTAL of Casual Labourers) in each COUNTY  
[Compiled from the Report on Wages and Earnings of Agricultural

County:	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.
	s. d.	s. d.	s. d.
SCOTLAND.			
Shetland, Orkney, and Caithness ...	6 6	7 6	14 0
Sutherlandshire ... ..	9 0	7 8	16 8
Ross and Cromarty ... ..	9 4	7 3	16 7
Inverness-shire ... ..	11 2	5 10	17 0
Nairnshire ... ..	11 0	5 11	16 11
Elginshire ... ..	11 4	5 8	17 0
Banffshire ... ..	11 6	6 5	17 11
Aberdeenshire ... ..	11 3	6 8	17 11
Kincardineshire ... ..	11 7	6 6	18 1
Forfarshire ... ..	13 0	5 7	18 7
Perthshire ... ..	12 10	5 4	18 2
Fifehire, Kinross-shire, and Clack- mannanshire.	12 5	6 0	18 5
Stirlingshire and Dumbartonshire ...	17 8	3 6	21 2
Argyllshire and Bute ... ..	13 2	4 8	17 10
Renfrewshire ... ..	18 11	2 10	21 9
Ayrshire ... ..	15 6	3 8	19 2
Lanarkshire ... ..	17 9	3 8	21 5
Linlithgowshire ... ..	15 11	3 6	19 5
Edinburgh ... ..	16 8	2 10	19 6
Haddingtonshire ... ..	15 9	2 11	18 8
Berwickshire ... ..	14 8	3 6	18 2
Peebles-shire ... ..	13 10	4 5	18 3
Selkirkshire ... ..	14 8	3 6	18 2
Roxburghshire ... ..	13 9	4 1	17 10
Dumfries-shire ... ..	13 7	4 0	17 7
Kirkcudbright ... ..	13 6	3 9	17 3
Wigtownshire ... ..	11 6	5 2	16 8

\* See note (\*) on p. 124.

LABOURERS, 1898\*—*continued.*WEEKLY EARNINGS of Adult Male AGRICULTURAL LABOURERS\* (exclusive of the UNITED KINGDOM in 1898—*continued.**Labourers in the United Kingdom (Cd.—346 of 1900).]*

County.	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.
<b>IRELAND.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<b>Ulster.</b>			
Antrim ... ..	12 0	0 4	12 4
Armagh ... ..	10 0	0 11	10 11
Cavan ... ..	9 0	0 9	9 9
Donegal ... ..	8 0	1 1	9 1
Down ... ..	12 0	0 5	12 5
Fermanagh ... ..	9 0	0 11	9 11
Londonderry ... ..	9 0	1 2	10 2
Monaghan ... ..	9 0	0 9	9 9
Tyrone ... ..	9 0	0 10	9 10
<b>Munster.</b>			
Clare ... ..	8 2	0 7	8 9
Cork ... ..	9 0	0 8	9 8
Kerry ... ..	9 7	0 1	9 8
Limerick ... ..	9 7	0 7	10 2
Tipperary ... ..	10 0	0 4	10 4
Waterford ... ..	10 0	0 6	10 6
<b>Leinster.</b>			
Jarlow ... ..	10 0	0 8	10 8
Dublin ... ..	12 0	0 7	12 7
Kildare ... ..	10 0	0 6	10 6
Kilkenny ... ..	9 0	0 6	9 6
King's County ... ..	9 7	0 9	10 4
Longford ... ..	8 2	1 2	9 4
Louth ... ..	9 0	1 1	10 1
Meath ... ..	8 7	1 0	9 7
Queen's County ... ..	10 0	0 6	10 6
Westmeath... ..	8 7	0 8	9 3
Wexford ... ..	9 0	0 7	9 7
Wicklow ... ..	10 0	0 9	10 9
<b>Connaught.</b>			
Galway ... ..	9 7	0 1	9 8
Leitrim ... ..	8 5	0 8	9 1
Mayo ... ..	8 5	0 2	8 7
Roscommon ... ..	8 5	0 4	8 9
Sligo ... ..	8 5	0 4	8 9

128 WAGES AND EARNINGS OF AGRICULTURAL LABOURERS.

HORSEMEN, CATTLEMEN, AND

TABLE 100.—AVERAGE RATES OF WEEKLY CASH WAGES and AVERAGE TOTAL CATTLE in the undermentioned

[ Compiled from the Report on Wages and Earnings of Agricultural

County.	Men in Charge of Horses.			Men in	
	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.	Average Rate of Cash Wages per Week.	
ENGLAND.					
Northern Counties.					
Lancashire (South) .. .. .	s. d. 20 5	s. d. 0 6	s. d. 20 11	s. d. 19 3	
Yorkshire, East Riding .. .. .	18 8	1 6	18 2	17 5	
" North Riding .. .. .	16 8	1 10	18 6	17 0	
" West Riding .. .. .	17 9	1 8	19 5	17 7	
Midland Counties.					
Derbyshire .. .. .	18 6	1 4	19 10	18 3	
Cheshire .. .. .	17 7	1 1	18 8	17 1	
Nottinghamshire .. .. .	18 0	3 0	21 0	17 5	
Leicestershire and Rutland .. .. .	16 9	1 10	18 7	16 4	
Staffordshire .. .. .	16 3	2 4	18 7	16 6	
Shropshire .. .. .	14 11	3 7	18 6	15 2	
Worcestershire .. .. .	14 8	2 8	17 4	14 10	
Warwickshire .. .. .	16 1	2 4	18 5	16 1	
Oxfordshire .. .. .	14 1	2 7	16 8	14 1	
Northamptonshire .. .. .	15 6	2 8	18 2	14 10	
Buckinghamshire .. .. .	14 11	1 7	16 6	15 0	
Middlesex .. .. .	19 2	1 7	20 9	20 2	
Hertfordshire .. .. .	15 4	2 4	17 8	16 0	
Bedfordshire .. .. .	15 3	1 11	17 2	15 6	
Eastern Counties.					
Huntingdonshire .. .. .	14 8	2 11	17 7	14 7	
Cambridgeshire .. .. .	13 9	2 7	16 4	15 4	
Lincolnshire .. .. .	16 8†	3 0	19 8	17 0†	
Norfolk .. .. .	13 8	2 8	16 4	13 8	
Suffolk .. .. .	13 2	2 8	15 10	13 4	
Essex .. .. .	14 10	2 11	17 9	15 1	
Southern and South-Western Counties.					
Kent .. .. .	17 2	2 11	20 1	17 3	
Surrey .. .. .	17 6	2 6	20 0	18 8	
Sussex .. .. .	16 1	2 7	18 8	16 6	
Hampshire .. .. .	13 7	3 5	17 0	14 2	
Berkshire .. .. .	13 7	3 5	17 0	14 11	
Wiltshire .. .. .	12 11	2 11	15 10	13 2	
Dorsetshire .. .. .	12 8	3 0	15 8	12 10	
Somersetshire .. .. .	13 8	2 8	16 4	13 7	
Herefordshire .. .. .	13 10	3 0	16 10	13 11	
Monmouthshire .. .. .	15 6	2 7	18 1	16 1	
Gloucestershire .. .. .	13 9	2 8	16 5	14 1	
Devonshire .. .. .	13 5	3 2	16 7	14 1	
Cornwall .. .. .	13 8	3 1	16 9	13 10	

\* Many of the farms are small and shepherds, † On a large number of farms the rates of wages are lower than those quoted, viz., potatoes, firewood, &c.—bring the earnings

SHEPHERDS, ENGLAND—1898.

WEEKLY EARNINGS of SHEPHERDS and MEN in CHARGE of HORSES and Counties of ENGLAND in 1898.

Labourers in the United Kingdom (Cd.—346 of 1900.)]

Charge of Cattle.		Shepherds.			County.
Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.	
s. d.	s. d.	s. d.	s. d.	s. d.	ENGLAND.
0 6	19 9	—	—	—	Northern Counties.
1 7	19 0	17 6	1 8	19 2	Lancashire (South).
1 10	18 10	17 3	1 10	19 1	Yorkshire, East Riding.
1 8	19 3	—	—	—	" North Riding.
					" West Riding.
					Midland Counties.
1 2	19 4	—	—	—	Derbyshire.
0 10	17 11	16 3	1 0	17 3	Cheshire.
2 10	20 3	17 11	2 10	20 9	Nottinghamshire.
2 3	18 7	16 9	2 4	19 1	Leicestershire and Rutland
2 4	18 10	16 8	2 6	19 2	Staffordshire.
3 2	18 4	15 8	3 1	18 9	Shropshire.
2 8	17 6	15 0	2 4	17 4	Worcestershire.
2 4	18 5	16 9	2 4	19 1	Warwickshire.
2 4	18 5	18 11	2 9	16 8	Oxfordshire.
2 6	17 4	15 9	3 1	18 10	Northamptonshire.
1 4	16 4	14 9	1 6	16 3	Buckinghamshire.
0 9	20 11	—	—	—	Middlesex.
1 11	17 11	14 10	3 6	18 4	Hertfordshire.
1 11	17 5	15 2	1 11	17 1	Bedfordshire.
					Eastern Counties.
2 8	17 3	14 7	2 8	17 3	Huntingdonshire.
2 4	17 8	14 6	2 11	17 5	Cambridgeshire.
2 7	19 7	17 5†	2 7	20 0	Lincolnshire.
2 8	18 4	13 10	4 0	17 10	Norfolk.
3 6	15 10	13 7	4 5	18 0	Suffolk.
2 6	17 7	15 4	3 10	19 2	Essex.
					Southern and South-Western Counties.
2 8	19 11	17 5	2 4	19 9	Kent.
2 4	21 0	17 1	2 6	19 7	Surrey.
2 6	19 0	16 4	2 6	18 10	Sussex.
3 3	17 5	13 8	3 6	17 2	Hampshire.
3 5	18 4	13 6	3 6	17 0	Berkshire.
2 6	15 8	12 11	3 8	16 7	Wiltshire.
3 5	16 3	13 0	3 2	16 2	Dorsetshire.
2 6	16 1	14 0	2 10	16 10	Somersetshire.
2 10	16 9	14 4	3 0	17 4	Herefordshire.
2 2	18 3	16 4	2 8	19 0	Monmouthshire.
2 0	16 1	14 1	2 8	16 9	Gloucestershire.
3 2	17 3	14 4	2 10	17 2	Devonshire.
3 1	16 11	14 1	3 8	17 9	Cornwall.

as a class, are frequently not to be found, from about 11s. to 14s., but in such cases the value of allowances—such as pork up to about the same level as shown above.

## CATTLEMEN SHEPHERDS AND

TABLE 101.—AVERAGE RATES OF WEEKLY CASH WAGES AND AVERAGE TOTAL CATTLE\* in each COUNTY

[Compiled from the Report on Wages and Earnings of Agricultural

County.	Men in Charge of Cattle.			Shep.
	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.	Average Rate of Cash Wages per Week.
SCOTLAND.				
Shetland, Orkney, and Caithness	s. d. †	s. d. †	s. d. †	s. d. 8 2
Sutherlandshire ... ..	†	†	†	9 8
Ross and Cromarty ... ..	9 10	7 2	17 0	10 0
Inverness-shire ... ..	11 2	5 9	16 11	10 6
Nairnshire ... ..	10 2	5 10	16 0	11 2
Elginshire ... ..	11 3	5 7	16 10	
Banffshire ... ..	11 8	6 3	17 11	12 3
Aberdeenshire ... ..	10 7	6 9	17 4	12 3
Kincairdineshire ... ..	11 9	6 6	18 3	11 5
Forfarshire ... ..	13 6	5 11	19 5	13 9
Perthshire ... ..	12 4	5 7	17 11	12 6
Fifeshire, Kinross-shire, and Clackmannanshire.	12 5	6 3	18 8	12 1
Stirlingshire and Dumbartonshire	†	†	†	†
Argyllshire and Bute ... ..	13 2	4 7	17 9	10 2
Renfrewshire ... ..	†	†	†	†
Ayrshire ... ..	†	†	†	12 0
Lanarkshire... ..	†	†	†	†
Linlithgowshire ... ..	16 0	2 10	18 10	†
Edinburgh ... ..	15 10	3 0	18 10	15 8
Haddingtonshire ... ..	16 0	2 10	18 10	15 3
Berwickshire ... ..	13 7	4 8	18 3	13 3
Peebles-shire ... ..	15 0	3 11	18 11	12 1
Selkirkshire' ... ..	†	†	†	12 8
Roxburghshire ... ..	13 1	4 6	17 7	10 3
Dumfries-shire ... ..	12 4	5 1	17 5	12 1
Kirkcudbright ... ..	13 11	3 10	17 9	13 5
Wigtownshire ... ..	12 4	4 8	17 0	12 6

\* Men in charge of horses are included in the Table on pp. 124-7.



## ORRAMEN, SCOTLAND—1898.

WEEKLY EARNINGS of SHEPHERDS, ORRAMEN, and MEN in CHARGE of  
of SCOTLAND in 1898.*Labourers in the United Kingdom. (Cd.—846 of 1900.)]*

herds.		Orramen.			County.
Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.	Average Rate of Cash Wages per Week.	Average Value of Extra Earnings and Allowances per Week.	Average Total Weekly Earnings.	
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	SCOTLAND.
10 3	18 5	5 11	7 6	13 5	Shetland, Orkney, and Caithness.
8 8	18 4	12 10	3 0	15 10	Sutherlandshire.
7 4	17 4	12 8	3 3	15 11	Ross and Cromarty.
6 5	16 11	†	†	†	Inverness-shire.
5 4	16 6	8 4	7 0	15 4	Nairnshire.
6 1	18 4	10 8	5 0	15 8	Elginshire.
5 10	18 1	12 0	4 10	16 10	Banffshire.
7 2	18 7	10 9	5 9	16 6	Aberdeenshire.
5 7	19 4	10 8	7 5	18 1	Kincairdineshire.
5 3	17 9	14 3	4 6	18 9	Forfarshire.
6 4	18 5	14 8	2 7	17 3	Perthshire.
†	†	15 3	2 11	18 2	Fifehire, Kinross-shire, and Clackmannanshire.
7 10	18 0	17 9	2 6	20 3	Stirlingshire and Dumbartonshire.
†	†	12 3	4 2	16 5	Argyllshire and Bute.
7 7	19 7	†	†	†	Renfrewshire.
†	†	†	†	†	Ayrshire.
†	†	16 1	4 1	20 2	Lanarkshire.
†	†	17 8	1 8	19 4	Linlithgowshire.
4 5	20 1	17 0	2 3	19 3	Edinburgh.
4 7	19 10	15 11	2 7	18 6	Haddingtonshire.
7 0	20 3	15 3	3 3	18 6	Berwickshire.
6 10	18 11	15 11	3 3	19 2	Peebles-shire.
7 1	19 9	†	†	†	Selkirkshire.
8 5	18 8	14 8	4 0	18 8	Roxburghshire.
7 2	19 3	13 7	3 5	17 0	Dumfries-shire.
5 1	18 6	14 10	2 1	16 11	Kirkcudbright.
6 6	19 0	12 8	4 3	16 11	Wigtownshire.

† The number of men of this class included in the Returns was too small for computation.

132 AVERAGE RATES OF WAGES IN VARIOUS INDUSTRIES.

ORDINARY AGRICULTURAL

TABLE 102.—AVERAGE WEEKLY CASH WAGES\* of ORDINARY AGRICULTURAL the Years 1850 to 1899; and the PERCENTAGE FLUCTUATIONS

[Extracted from the Report on Wages and Earnings of

Year.	Average Cash Wages per Week.			
	Midland Counties. (9 farms.)	Eastern Counties. (6 farms.)	Southern and South-Western Counties. (13 farms.)	England and Wales. (33 farms.)†
	s. d.	s. d.	s. d.	s. d.
1850 .. ..	10 3	8 11	8 3½	9 3
1851 .. ..	10 2½	8 5½	8 3½	9 1½
1852 .. ..	10 2½	8 7½	8 4	9 2
1853 .. ..	10 8½	10 8	9 1	10 1
1854 .. ..	11 3½	12 1½	9 6½	10 9½
1855 .. ..	11 7	12 4½	10 2	11 2½
1856 .. ..	11 8	12 1	10 2	11 2½
1857 .. ..	11 5½	11 2	10 2½	11 0
1858 .. ..	11 1	10 6	10 2½	10 9
1859 .. ..	11 2	10 2½	10 1	10 8
1860 .. ..	11 6	11 0½	10 2	10 11½
1861 .. ..	11 9	11 0½	10 2	11 0½
1862 .. ..	12 0	10 10½	10 1	11 0½
1863 .. ..	11 9½	10 1	10 3	10 11
1864 .. ..	11 9½	10 1	10 4½	10 11½
1865 .. ..	11 10	10 3½	10 8	11 2
1866 .. ..	11 11½	11 5½	10 10½	11 6½
1867 .. ..	12 8	11 11	11 0	11 11½
1868 .. ..	12 9	11 11	11 1	12 1
1869 .. ..	12 7½	11 3	11 0	11 11
1870 .. ..	12 4½	11 2	11 0	11 10
1871 .. ..	12 5	11 9	11 1½	12 0
1872 .. ..	13 2	12 11½	11 6	12 7½
1873 .. ..	12 11½	13 8½	11 7½	12 11
1874 .. ..	14 3½	14 0	11 10½	13 5½
1875 .. ..	14 4	13 7	11 10½	13 5
1876 .. ..	14 3½	13 9	12 1	13 6
1877 .. ..	14 4	13 8	12 2½	13 6½
1878 .. ..	14 2½	13 9	12 2½	13 6
1879 .. ..	13 10	12 11½	12 0½	13 1
1880 .. ..	13 9½	12 9	13 0½	13 1
1881 .. ..	13 8	12 7½	12 1	13 0½
1882 .. ..	13 6½	12 9	12 2	13 1
1883 .. ..	13 7½	12 7	12 2½	13 1
1884 .. ..	13 7½	12 5½	12 2	13 0½
1885 .. ..	13 6	11 10	12 1½	12 10½
1886 .. ..	13 6	11 8	11 10	12 8½
1887 .. ..	13 3	11 3	11 10	12 6½
1888 .. ..	13 2	11 0	11 11	12 7
1889 .. ..	13 2	11 4	12 0½	12 8
1890 .. ..	13 6½	11 4½	12 3	12 11
1891 .. ..	13 9½	12 2	12 4	13 2
1892 .. ..	13 11	12 0	12 5½	13 3½
1893 .. ..	13 11	11 5½	12 5	13 2
1894 .. ..	13 10	10 11½	12 5	13 1
1895 .. ..	13 9½	11 0	12 4	13 0
1896 .. ..	13 9½	11 0½	12 4½	13 0½
1897 .. ..	13 11	11 5	12 5	13 2
1898 .. ..	13 11½	12 4	12 8½	13 5½
1899 .. ..	14 2½	12 7	12 11½	13 8½

\* The Cash Wages are exclusive of extra payments for piecework, hay  
† Including three farms in the Northern Counties, and two in

LABOURERS—1850 to 1899.

LABOURERS employed on certain farms in ENGLAND and WALES in each of of such WAGES YEAR by YEAR, as compared with 1893.

*Agricultural Labourers in the United Kingdom (Cd. 346 of 1900).]*

Percentage Fluctuations in Wages, as compared with 1893.				Year.
Midland Counties. (9 farms.)	Eastern Counties. (6 farms.)	Southern and South-Western Counties. (13 farms.)	England and Wales. (33 farms.)	
73·9	78·1	66·6	70·3	1850
73·4	73·9	66·9	69·4	1851
73·4	75·4	67·2	69·5	1852
76·9	73·4	73·2	76·5	1853
81·1	106·1	76·8	81·9	1854
83·2	108·3	81·8	85·2	1855
83·8	105·8	81·8	85·1	1856
82·3	97·6	82·1	83·5	1857
79·9	81·9	82·1	81·6	1858
80·2	89·2	81·1	81·6	1859
82·6	96·5	81·8	83·3	1860
84·4	96·6	81·8	83·9	1861
86·2	94·9	81·2	83·9	1862
84·8	88·0	82·6	82·9	1863
84·8	88·1	83·3	83·3	1864
85·1	89·8	85·8	84·7	1865
86·9	100·3	87·3	87·7	1866
91·2	104·0	88·5	91·6	1867
91·7	104·3	89·1	91·7	1868
90·7	96·5	88·6	90·6	1869
89·1	97·7	88·6	89·8	1870
89·4	102·8	89·5	91·3	1871
94·7	113·4	92·6	95·9	1872
93·1	120·0	93·6	98·2	1873
102·8	122·3	96·4	102·3	1874
103·1	118·6	95·4	102·0	1875
102·8	120·3	97·3	102·7	1876
103·1	119·3	98·2	102·8	1877
102·1	120·2	98·2	102·6	1878
99·5	113·1	97·0	99·4	1879
99·1	111·3	96·9	99·3	1880
98·3	110·5	97·3	99·0	1881
97·5	111·3	97·8	99·4	1882
96·0	109·8	98·2	99·6	1883
98·0	106·9	97·8	99·1	1884
97·2	103·5	97·5	98·0	1885
97·2	101·8	96·0	99·6	1886
95·2	96·5	95·0	95·4	1887
94·8	96·1	95·7	95·5	1888
94·8	99·2	96·9	99·4	1889
97·5	99·5	98·5	98·1	1890
99·1	106·3	99·1	100·0	1891
100·0	104·9	100·3	100·9	1892
100·0	100·0	100·0	100·0	1893
99·6	95·6	100·0	99·5	1894
99·2	96·3	99·1	98·9	1895
99·2	96·6	99·4	99·1	1896
100·0	99·8	99·7	99·9	1897
100·3	107·8	102·2	102·3	1898
102·3	110·1	104·2	104·1	1899

and corn harvests, overtime, &c., and also of the value of allowances in kind, Wales, in addition to those included in the preceding three columns.

## AVERAGE RATES OF WAGES

## GENERAL

TABLE 103.—AVERAGE RATES of WAGES for a full WEEK'S WORK  
BOYS, WOMEN and[Extracted from Reports by Board of Trade on  
C. 5807, C. 6161, C. 6455,[N.B.—No Census of Rates of Wages in the United Kingdom has been taken  
was higher than in October, 1896, especially

Trades.	MEN.	LADS and BOYS.	WOMEN.	GIRLS.
<b>Metal Trades :—</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Pig iron (blast furnaces) ...	24 6	10 8	...	...
Iron and steel shipbuilding ...	29 3	12 2	...	...
Engineering, &c. ...	25 9	9 1	...	...
Tinplate workers ...	33 5	11 3	10 4	6 11
Brass work and metal wares...	29 7	8 5	12 11	6 2
<b>Mining and Quarrying :—</b>				
Coal, iron ore, and ironstone mines	22 11	10 9	8 2	5 7
Metalliferous mines ...	16 6	7 0	5 10	4 9
Shale mines and paraffin oil works.	25 0	10 6	...	...
Slate mines and quarries ...	22 1	8 0	...	...
Granite quarries and works ...	21 11	8 3	..	...
Stone quarries ...	23 10	9 10	...	...
China clay and china stone works.	18 8	8 9	6 9	...
<b>Textile Trades :—</b>				
Cotton manufacture ...	25 3	9 4	15 3	6 10
Woollen manufacture...	23 2	8 6	13 3	7 5
Worsted and stuff manufac- ture.	23 4	6 6	11 11	6 2
Linen manufacture ...	19 9	6 3	8 11	4 11
Jute manufacture ...	19 4	6 8	9 7	4 8
Hemp, manilla, cocoa fibre, &c. manufacture.	23 6	6 0	9 8	5 1
Silk manufacture ...	22 3	7 2	10 1	5 8
Carpet manufacture ...	26 7	8 4	11 1	6 11
Hosiery manufacture...	24 5	9 6	11 6	8 3
Lace manufacture ...	27 3	9 4	12 8	6 2
Smallwares manufacture ...	20 2	6 9	10 9	5 9
Flock and shoddy manufac- ture.	21 2	10 5	9 9	4 6
Hair, elastic web, and lamp -and candle wick manufac- ture.	25 0	7 5	9 10	5 11

## IN VARIOUS INDUSTRIES.

## SUMMARY.

(exclusive of OVERTIME) at OCTOBER, 1886, of MEN, LADS and GIRLS respectively.

*Rates of Wages in the United Kingdom.—*  
C. 6715, and C. 6889.]

since 1886. It is known, however, that at the end of 1900 the general level of wages in the metal and mining industries.]

Trades.	MEN.	LADS and BOYS.	WOMEN.	GIRLS.
<b>Printing and Engraving</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<b>Trades:—</b>				
Large works ... ..	33 8	8 7	11 9	5 7
Small works ... ..	29 2	7 0	10 7	6 2
Newspaper printing works ...	37 1	8 4	12 2	6 6
<b>Woodworking Trades:—</b>				
Saw mills ... ..	24 3	8 10	...	...
Wood shipbuilding ... ..	28 4	6 5	...	...
Cooperage works ... ..	30 5	7 9	...	...
Coach and carriage building...	26 6	6 8	...	...
Railway carriage and waggon building.	25 2	10 6	13 3	7 0
<b>Miscellaneous Trades:—</b>				
Boot and shoe factories ...	24 3	8 4	12 6	5 6
Breweries ... ..	24 3	9 9	...	...
Distilleries ... ..	20 4	9 10	9 5	...
Chemical manure works ...	23 0	9 10	8 9	...
Brick and tile works ... ..	22 10	9 0	9 4	7 7
<b>Employees of Local Authorities, Gas and Water Companies:—</b>				
Police ... ..	27 5	...	...	...
Roads, pavements, and sewers	20 9	9 6	9 0*	...
Gasworks ... ..	27 2	12 8	...	...
Waterworks ... ..	24 9	11 1	...	...

\* Women and Girls

## PIG IRON MANUFACTURE AND

TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS  
OCCUPATIONS at

[Compiled from Report by Board of Trade on the Wages of the

## (A.) MANUFACTURE OF PIG

[N.B.—See note at head of

District	No. of Shifts per Week for which the Rates were paid.	Keepers.		Slaggers.	
		Time.	Piece.	Time.	Piece.
		s. d.	s. d.	s. d.	s. d.
Cleveland (a) .. .. .	7½ (a)	43 8	52 7	28 2	33 1
Cumberland (a) .. .. .	7½ (a)	40 9	..	32 2	..
Lancashire .. .. .	7	44 8	..	31 11	..
Derbyshire, Nottinghamshire, and North Staffordshire.	7	36 3	42 11	26 7	33 10
South Staffordshire .. ..	7	28 0	29 3	19 1(c)	24 6(c)
Monmouthshire and Glamor- ganshire.	..	..	34	..	23 3
Scotland .. .. .	7	..	32 11	19 1(c)	23 0(c)

## (B.) IRON AND STEEL

[N.B.—See note at head of

District.	Platers.		Riveters.		Helpers.
	Time.	Piece.	Time.	Piece.	
	s. d.	s. d.	s. d.	s. d.	s. d.
Northumberland and Durham	..	61 6	30 0	40 8	..
Lancashire .. .. .	33 6	41 6	30 3	43 0	20 0
London .. .. .	44 9	..	36 11	..	..
South Wales .. .. .	41 2	..	39 1	..	..
The Clyde .. .. .	28 9	48 3	34 3	36 4	16 4
East Coast of Scotland.. ..	..	..	24 8	..	..

(a) In this district all the above classes of men worked alternately 6 and 8 shifts per week and, being paid an extra shift for Sunday work, the rates have been calculated on the basis of 7½ shifts per week.

(b) Some of the fillers or chargers were also coke, mine, lime, and coal fillers.

IRON AND STEEL SHIPBUILDING.

for a full WEEK'S WORK (exclusive of Overtime) in the following October, 1886.

*Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]*

IRON (BLAST FURNACES)—MEN.

Table on pages 134-5.

Helpers.	Fillers or Chargers.		Coke Fillers.	Mine Fillers.	District.
Time.	Time.	Piece.	Time.	Time.	
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
22 11	33 2	38 8	24 10	26 5	Cleveland.(a)
..	32s. 9d. (Coal fillers included in this average).				Cumberland.(a)
..	34 10	..	29 8	29 6	Lancashire.
23 10	27 0(b)	31 8(b)	24s. (including some lime fillers) (b).		Derbyshire, Nottinghamshire and North Staffordshire.
(c)	25 8	26 0	21s. 3d. (including lime and coal fillers).		South Staffordshire.
22 9	..	29 7	17s. (including lime fillers).	..	Monmouthshire and Glamorganshire.
(c)	22 4(b)	26 11(b)	(b)	..	Scotland.

SHIPBUILDING—MEN.

Table on pages 134-5.

Helpers.	Fitters (d).	Ship Carpenters.	Joiners.	Labourers.	District.
Piece.	Time.	Time.	Time.	Time.	
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
24 8	29 4	33 1	30 3	19 1	Northumberland and Durham
26 8	30 4	33 11	30 1	17 11	Lancashire.
..	33 0	42 0	39 2	23 10	London.
..	35 8	38 10		23 4	South Wales.
25 0	27 3	30 10	28 4	16 0	The Clyde.
..	26	29 0	26 9	15 2	East Coast of Scotland.

(c) The helpers are included with the slaggers.  
 (d) Some firms of "Shipbuilders and Engineers" did not distinguish in their returns between the rates paid to ship and engine fitters. The average given above, therefore depends partly on rates paid to engine fitters.

ENGINEERING AND MACHINERY WORKS,

TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS  
OCCUPATIONS at

[ Compiled from Report by Board of Trade on the Wages of the

[ N.B.—See note at head of

District.	Pattern Makers. Time.	Iron Moulders. Time.	Fettlers or Dressers. Time.	Turners. Time.	Fitters. Time.
ENGLAND AND WALES.	s. d.	s. d.	s. d.	s. d.	s. d.
Northumberland, Durham, and N. Riding of Yorks (Cleveland).	29 11	38 5	22 2	29 6	29 0*
W. Riding of Yorks (except Sheffield).	29 3	30 2	20 10	26 11	27 2
Sheffield .. .. .	33 9	36 1	28 9	32 5	31 9
Cumberland, Westmorland, and N. Lanca.	29 5	30 2	20 2	29 4	29 3*
Manchester and neighbour- hood.	34 8	35 7	24 4	31 6	31 11
S. Lanca. (except Manchester)	30 9	32 3	20 3	29 0	29 5*
Salop, Gloucestershire (except Bristol), Herefordshire, and N. Wales.	26 9	25 9	16 5	27 1	25 8
Cheshire; Staffs, Warwick- shire, and Worcestershire.	32 0	32 3	21 4	30 1	30 5*
Notts, Derbyshire, and Lin- colnshire.	28 5	27 8	20 10	26 1	27 8*
Leicestershire, Northants, Hunts, Herts, Beds, and Oxon.	31 4	28 4	17 8	26 10	27 5
Norfolk, Suffolk, and Essex ..	28 7	23 8	16 4	25 3	24 10
London .. .. .	39 5	37 10	26 4	38 1	37 6
Kent and Surrey (extra Metro- politan), and Berks and Hants.	30 9	29 8	20 10	29 1	30 2*
Wilt., Somerset, Dorset, Devon, and Cornwall.	24 2	24 3	16 0	25 3	24 8
Bristol, Monmouthshire, and S. Wales.	29 8	27 5	20 2	26 4	26 3*
SCOTLAND.					
Glasgow .. .. .	39 10	30 4	22 10	28 6	27 6*
Lanark (except Glasgow) and Dumbartonshire.	28 3	30 5	23 1	28 4	27 1
Renfrewshire and Ayrshire ..	28 3	30 11	21 0	28 6	27 11*
Stirlingshire, Edinburghshire, Linlithgow, Selkirkshire, and Berwick.	28 2	29 2	21 7	26 10	28 0
E. Counties of Scotland (N. of the Firth of Forth).	27 7	30 7	18 0	26 2	26 2
IRELAND.					
Belfast .. .. .	29 1	29 10	18 8	27 1	27 1*
Dublin .. .. .	34 0	34 0	19 2	33 1	33 0
Other Places in Ireland ..	27 8	27 10	17 0	28 7	28 0

\* Fitters and Erectors.

† Drillers only.



## INCLUDING IRON AND BRASS FOUNDRIES—MEN.

for a full WEEK'S WORK (exclusive of Overtime) in the following  
October, 1886—continued.

*Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]*

Table on pages 134-5.]

Drillers and Screwers.	Smiths.	Smiths' Strikers.	Riveters.	Labourers.	District.
Time.	Time.	Time.	Time.	Time.	
s. d.	s. d.	s. d.	s. d.	s. d.	ENGLAND AND WALES.
22 8	28 8	19 10	31 10	18 10	Northumberland, Durham, and N. Riding of Yorks (Cleveland).
21 5	29 4	19 4	29 0	18 10	W. Riding of Yorks (except Sheffield).
22 7	31 10	21 5	..	19 3	Sheffield.
20 11	28 5	18 4	31 8½	17 11	Cumberland, Westmorland, and N. Lancs.
21 9	32 11	20 2	31 7	17 11	Manchester and neighbour- hood.
Drillers, 19s. 6d.; Screwers, 19s. 1d.	30 1	18 9	31 1	17 6	S. Lancs. (except Manchester).
..	23 9	15 4	26 5	16 1	Salop, Gloucestershire (except Bristol), Herefordshire, and N. Wales.
Drillers, 20s. 2d.; Screwers, 17s. 11d.	30 6	19 6	26 7	18 2	Cheshire, Staffs. Warwick- shire, and Worcestershire.
18 8	27 2	18 10	27 7	18 2	Notts, Derbyshire, and Lin- colnshire.
18 10½	29 0	17 5	26 8	16 6	Leicester, Northants, Hunts, Herts, Beds, and Oxon.
16 3	22 8	16 7	25 4½	15 7	Norfolk, Suffolk, and Essex.
26 3	38 7	25 6	36 3	23 3	London.
18 5	26 7	17 7	29 0	18 4	Kent and Surrey (extra Metro- politan), and Berks and Hants.
..	23 7	15 1	..	14 10	Wilts, Somerset, Dorset, Devon, and Cornwall.
20 2½	26 4	16 7	26 3	17 2	Bristol, Monmouthshire, and S. Wales.
Drillers, 20s.; Screwers, 20s. 4d.	28 9	18 6	28 0	17 0	SCOTLAND.
20 4½	26 6	17 8	23 11	17 4	Glasgow.
Drillers, 18s. 8d.; Screwers, 18s. 6d.	28 3	17 4	27 11	17 0	Lanark (except Glasgow) and Dumbartonshire.
20 7	26 5	18 5	27 7	18 2	Renfrewshire and Ayrshire.
19 3	24 10	16 9	25 2	16 10	Stirlingshire, Edinburghshire, Linlithgow, Selkirkshire, and Berwick.
..	..	..	..	..	E. Counties of Scotland (N. of the Firth of Forth).
15 4	26 10	1	..	13 0	IRELAND.
..	31 6	1	..	16 4	Belfast.
..	24 9	18 7	..	13 9	Dublin.
..	..	..	..	..	Other Places in Ireland.

‡ Platers and Riveters.

140 AVERAGE RATES OF WAGES IN VARIOUS INDUSTRIES.

COAL, IRON ORE, AND

TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS  
OCCUPATIONS at

[Extracted from Report by Board of Trade on Rates of Wages

[N.B.—See note at head of

Districts.	MEN.			
	Deputy Overmen and Firemen.	Coal Hewers.	Shifters, Timber- men or Setters.	Putters and Trammers.
	Time.	Piece.	Time.	Piece.
ENGLAND AND WALES.	s. d.	s. d.	s. d.	s. d.
Northumberland and Durham ..	28 11	26 0	20 9	19 8
Cumberland and N.W. Lancashire (Furness).	26 1	{ 24 8 (a) 23 7	21 9	(c) 19 3
South Lancashire .. .. .	28 7	25 0	24 11	19 1
Yorkshire (Cleveland ironstone mines)	26 0	(b) 23 0	21 5	..
Yorkshire (West and South) .. ..	29 3	28 0	25 4	22 9
Mid-Derbyshire and Nottinghamshire	26 8	26 8	(d) 23 11	(c) 17 2
North Staffordshire .. .. .	29 4	25 5	23 2	(e) 17 3
South Stafford, South Derby, War- wick, Leicester, and N. Worcester.	27 0	28 5	21 11	17 6
South Shropshire and South Worces- tershire.	22 5	(c) { 18 6 (b) 16 8	17 4	(c) 16 3
North Somersetshire and Forest of Dean.	20 4	22 1	..	21 1
Flintshire, Denbighshire, and North Shropshire.	..	21 5	19 10	..
South Wales and Monmouthshire ..	27 6	22 7	22 1	24 8
SCOTLAND.				
Lanarkshire, Stirlingshire, and Dum- bartonshire.	22 3	22 8	20 8	20 3
Ayrshire, N.-W. Dumfries-shire and Galloway.	22 8	21 3	..	(c) 19 1
Fifehire and the Lothians .. ..	21 7	21 8	..	19 11
IRELAND.				
Counties Tipperary, Antrim, and Sligo	..	{ 15 9 (a) 12 5	..	..

(a) Iron ore miners.

(b) Ironstone miners.

(c) Some time workers included

IRONSTONE MINES.

for a full WEEK'S WORK (exclusive of Overtime) in the following  
October, 1886—continued.

in Mines and Quarries in the United Kingdom.—C. 6455 of 1891.]

Table on pages 134-5.]

MEN.				LADS AND BOYS.		Districts
Banks- men.	Screen- men.	Engine Tenters or Brakes- men.	General La- bourers (Surface).	Drivers.	Bank and Screen Lads and Boys.	
Time.	Time.	Time.	Time.	Time.	Time.	
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	ENGLAND AND WALES.
20 7	17 2	24 5	18 2	7 6	8 5	Northumberland and Dur- ham.
20 4	18 8	23 1	18 7	..	10 7	Cumberland and N.W. Lan- cashire (Furness).
20 8	18 0	27 9	19 0	9 0	..	South Lancashire.
22 0	19 3	23 8	17 8	12 0	..	Yorkshire (Cleveland iron- stone mines).
20 11	(d) 19 1	25 8	19 6	10 10	8 2	Yorkshire (West and South).
18 3		25 9	17 11	9 9	9 8	Mid-Derbyshire and Notting- hamshire.
18 11	18 4	24 11	17 4	9 1	10 9	North Staffordshire.
17 11	18 0	26 8	17 10	11 9	10 9	South Stafford, South Derby, Warwick, Leicester, and N. Worcester.
17 8	(f) 15 3	19 4	..	8 7	..	South Shropshire and South Worcestershire.
16 11		21 1	14 6	..	..	North Somersetshire and Forest of Dean.
16 9		22 9	16 0	..	9 2	Flintshire, Denbighshire, and North Shropshire.
19 1	18 3	23 2	17 3	10 0	9 10	South Wales and Monmouth- shire.
SCOTLAND.						
17 8	16 1	21 5	15 9	12 6	11 11	Lanarkshire, Stirlingshire and Dumbartonshire.
19 1	(d) 17 9	22 8	16 8	11 7	9 9	Ayrshire, N.-W. Dumfries- shire and Cantire.
18 6	16 4	23 1	16 4	10 5	..	Fifeshire and the Lothians.
IRELAND						
..	..	..	11 2	..	..	Counties Tipperary, Antrim and Sligo.

(c) Time workers.

(d) Some piece workers included.

(f) Screenmen and tippers.

THE COTTON

TABLE 10A.—AVERAGE RATES of WAGES in various DISTRICTS OCCUPATIONS at

[Extracted from Report by Board of Trade on Rates of Wages in the

[N.B.—See note at head of

Districts.	MEN.		LADS AND BOYS.		WOMEN.
	Self-acting Mule Minders, Counts not exceeding 80's.	Cotton Cloth Four-Loom Weavers.	Self-Acting Mules.		Slubbing, Intermediate, Roving Frame Tenters, &c.
			Big Piecers. (c).	Little Piecers.	
	Piece.	Piece.	Time.	Time.	Piece.
ENGLAND AND WALES.	s. d.	s. d.	s. d.	s. d.	s. d.
Ashton and Stalybridge...	30 10	21 5	14 2	9 8	15 10
Manchester ... ..	33 11	...	15 3	10 10	14 5
Oldham ... ..	33 2	...	15 2	11 0	16 7
Rochdale and Heywood ...	31 3	19 7	14 11	9 11	14 5
Bolton ... ..	34 5	18 10	12 9	8 7	14 1
Stockport ... ..	(a)31 2	19 8	13 4	9 1	14 0
Mid-Derbyshire ... ..	(b)29 10	...	15 3	8 10	11 8
Halifax ... ..	28 6	...	12 10	8 6	13 4
Blackburn ... ..	25 2	21 0	(d)13 7	...	16 0
Burnley and Colne ...	27 2	21 7	16 6	11 0	16 5
Darwen, Accrington, and Clitheroe.	29 6	22 2	14 9	8 0	18 3
Todmorden and Bacup ..	24 8	19 5	15 3	10 8	14 0
Bury ... ..	29 8	19 2	14 0	9 3	14 10
Preston ... ..	28 11	21 11	(d)13 7	...	15 9
Carlisle, Lancaster, and North Lancashire.	26 9	22	(d)11 0	...	12 4
Lancashire — not otherwise specified.	32 11	20 0	13 0	8 4	14 0
SCOTLAND ... ..	25 5	...	...	...	10 1

(a) Counts 4's to 180's.

(b) Counts 4's to 140's.

## INDUSTRY.

for a full WEEK'S WORK (exclusive of Overtime) in the following  
October, 1886—continued.

*Principal Textile Trades of the United Kingdom.—C. 5307 of 1889.]*

Table on pages 134-5.]

WOMEN.			GIRLS.		Districts.
Bobbin Winders.	Cotton Cloth.		Little or Back Tentors and Sweepers.	Cotton Cloth Two-Loom Weavers.	
	Three- Loom Weavers.	Four- Loom Weavers.			
Piece.	Piece.	Piece.	Time.	Piece.	
s. d.	s. d.	s. d.	s. d.	s. d.	ENGLAND AND WALES.
12 10	16 10	20 4	7 5	11 1	Ashton and Stalybridge.
11 7	14 9	17 9	7 7	9 11	Manchester.
13 8	14 10	19 9	8 4	...	Oldham.
12 4	14 9	19 0	8 5	9 8	Rochdale and Heywood.
13 0	15 9	17 4	6 9	9 7	Bolton.
11 1	15 11	18 4	7 6	10 1	Stockport.
...	...	...	7 11	...	Mid-Derbyshire.
12 3	...	...	7 3	...	Halifax.
13 9	16 6	20 8	8 9	10 11	Blackburn.
...	15 3	21 4	...	10 7	Burnley and Colne.
13 1	16 5	20 11	8 5	10 10	Darwen, Accrington, and Clitheroe.
13 4	14 9	19 4	8 1	9 8	Todmorden and Bacup.
12 0	14 7	18 11	9 2	9 9	Bury.
...	17 11	20 9	8 5	12 3	Preston.
...	14 2	17 11	6 4	9 5	Carlisle, Lancaster, and North Lancashire.
12 9	15 11	18 4	7 5	9 9	Lancashire — not other- wise specified.
...	13 2	...	5 11	8 7	SCOTLAND.

(c) Young men.

(d) Pieceers.

(c) Young men.

(d) Pieces.

144 AVERAGE RATES OF WAGES IN VARIOUS INDUSTRIES.

THE WOOLLEN

TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS  
OCCUPATIONS at

Extracted from Report by Board of Trade on Rates of Wages in the

[N.B.—See note at head of

Districts.	MEN.				LADS AND BOYS.
	Scrib- blers.	Spinners	Hand Loom Weavers.	Power Loom Weavers.	Spinners' Piecers.
	Time.	Piece.	Piece.	Piece.	Time.
ENGLAND AND WALES.	s. d.	s. d.	s. d.	s. d.	s. d.
Leeds ... ..	22 0	33 10	(a) 18 9	15 9	9 5
Halifax ... ..	20 0	25 0	...	14 3	8 7
Dewsbury and Batley (coatings)	22 1	31 1	(b) 24 8	15 10	10 1
Dewsbury (blankets) ... ..	19 10	(a) 28 7	17 8	13 4	(a) 9 11
Huddersfield and suburbs ... ..	20 10	28 5	(b) 21 2	22 10	9 3
Neighbourhood of Huddersfield	20 11	26 0	24 4	22 6	8 1
Yeadon and Calverley... ..	19 10	(a) 31 4	...	19 0	8 2
Cleckheaton and Mirfield ... ..	21 5	26 10	17 5	14 5	8 10
Rochdale and Dobcross ... ..	20 4	22 6	...	17 2	8 2
West of England ... ..	16 11	(a) 21 10	19 8	22 3	...
English towns—not otherwise specified.	18 4	25 11	19 0	10 5	6 8
Wales ... ..	19 0	(b) 22 3	15 11	18 3	6 1
SCOTLAND.					
(Yarn) ... ..	17 8	24 3	...	...	6 8
(Tweeds) ... ..	18 5	28 3	22 7	...	7 4
(Shirtings, blankets, &c.).	16 5	(a) 23 2	15 0	...	5 2
(Shawls) ... ..	...	...	19 7	...	...
IRELAND ... ..	...	(b) 18 11	...	...	5 8

(a) Time and Piece.

INDUSTRY.

for a full WEEK'S WORK (exclusive of Overtime) in the following  
October, 1886—continued.

[Principal Textile Trades of the United Kingdom.—C. 5807 of 1889.]

Table on pages 134-5.]

WOMEN.			GIRLS.	Districts.
Scribblers' Feeders and Condensor Minders.	Winders.	Power Loom Weavers.	Spinners' Piecers.	
Time.	Piecc.	Piecc.	Time.	
s. d.	s. d.	s. d.	s. d.	ENGLAND AND WALES.
10 8	...	13 7	8 3	Leeds.
12 0	...	13 1	7 11	Halifax.
12 3	...	14 4	...	Dewsbury and Batley (coatings)
12 1	...	14 5	...	Dewsbury (blankets).
12 2	(a) 9 9	15 6	7 6	Huddersfield and suburbs.
10 6	12 2	17 10	...	Neighbourhood of Huddersfield.
11 1	...	15 3	...	Yeadon and Calverley.
11 11	...	14 1	...	Cleckheaton and Mirfield.
13 10	13 9	15 1	8 3	Rochdale and Dobcross.
7 9	9 2	13 9	6 7	West of England.
8 3	10 4	11 2	5 9	English towns — not otherwise specified.
8 5	...	12 2	6 3	Wales.
				SCOTLAND.
7 8	...	...	5 2	(Yarn).
8 6	13 5	15 11	5 6	(Tweeds).
...	10 3	11 6	...	(Shirtings, blankets, &c.).
...	(a) 11 9	13 5	...	(Shawls).
...	...	10 6	...	IRELAND.

7190

(b) Time rates.

K

THE WORSTED AND  
TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS  
following OCCUPATIONS  
[Extracted from Report by Board of Trade on Rates of Wages in the  
(A.) THE WORSTED  
[N.B.—See note at head of

Districts.	MEN.			LADS AND BOYS.	
	Wool Sorters.	Weaving Over-lookers.	Weavers.	Doffers.	
	Piece.	Time.	Piece.	Full Time.	Half Time.
ENGLAND AND WALES.	s. d.	s. d.	s. d.	s. d.	s. d.
Bradford .. .. .	28 5	31 4	14 7	7 10	3 0
Halifax .. .. .	24 7	31 0	16 4	7 0	2 11
Keighley .. .. .	27 2	29 3	16 11	8 4	3 5
Places in West Riding of Yorkshire— not otherwise specified.	27 7	28 10	14 0	7 2	3 3
Places in England outside Yorkshire ..	28 7	30 9	..	..	..
SCOTLAND .. .. .	27 3	..	..	..	..

(B.) THE LINEN  
[N.B.—See note at head of

Districts.	MEN.			LADS AND BOYS.	WOMEN.
	Roughers or Hacklers.	Sorters.	Tenters or Turners.	Hackling Machine Attendants.	Drawers and Back-Minders.
	Piece.	Piece.	Time and Piece.	Time.	Time.
ENGLAND.	s. d.	s. d.	s. d.	s. d.	s. d.
Leeds, Barnsley, and other places in West Riding.	19 4	22 8	26 5	6 10	7 8
Places in England—not otherwise specified.	19 8	..	31 6	6 7	7 3
SCOTLAND.					
A.—Towns of above 5,000 persons ..	18 7	16 3	23 11	6 7	8 0
B.—Towns of less than 5,000 persons ..	19 0	19 3	23 7	5 11	7 2
IRELAND.					
Belfast .. .. .	18 6	23 1	37 6	6 3	6 10
Ulster, exclusive of Belfast district ..	18 8	20 7	30 5	5 2	6 1



**LINEN INDUSTRIES.**  
for a full WEEK'S WORK (exclusive of Overtime) in the  
at October, 1886—continued.  
*Principal Textile Trades of the United Kingdom.—C. 5307 of 1889.]*  
**INDUSTRY.**  
Table on pages 134-5.]

WOMEN.			GIRLS.		Districts.
Drawers.	Spinners.	Weavers.	Spinners.		
Time.	Time.	Piece.	Full Time.	Half Time.	
s. d.	s. d.	s. d.	s. d.	s. d.	ENGLAND AND WALES.
10 3	9 0	13 9	8 2	3 1	Bradford.
10 8	..	13 6	7 6	2 10	Halifax.
10 10	8 7	14 1	8 8	3 6	Keighley.
10 6	9 1	13 4	7 1	3 3	Places in West Riding of Yorkshire— not otherwise specified.
9 8	14 6	10 2	..	..	Places in England outside Yorkshire.
6 4	6 1	..	..	..	SCOTLAND.

**INDUSTRY.**

Table on pages 134-5.]

WOMEN.			GIRLS.		Districts.
Spinners.	Winders.	Weavers.	Doffers.	Weavers.	
Time.	Piece.	Piece.	Time.	Piece.	
s. d.	s. d.	s. d.	s. d.	s. d.	ENGLAND.
7 7	10 8	11 6	5 5	6 3	Leeds, Barnsley, and other places in West Riding.
7 7	9 1	12 11	4 10	..	Places in England— not otherwise specified.
					SCOTLAND.
8 4	10 11	9 10	5 7	5 6	A.—Towns of above 5,000 persons.
7 8	9 9	9 6	4 5	5 7	B.—Towns of less than 5,000 persons.
					IRELAND.
8 5	9 3	9 5	5 11	..	Belfast.
7 10	7 7	8 1	4 8	6 9	Ulster, exclusive of Belfast District.

CLOTHING AND

TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS  
OCCUPATIONS at

[Compiled from Report by Board of Trade on the Wages of the  
[N.B.—See note at head of

CLOTHING TRADES.

DRESSMAKING, MILLINERY, AND MANTLE-MAKING TRADES.

Name of District.	DRESSMAKING.			MILLINERY.			MANTLE-MAKING.		
	WOMEN.		GIRLS.*	WOMEN.		GIRLS.*	WOMEN.		GIRLS.*
	Fitters.	Other Women		Heads of Tables.	Other Women		Cutters †	Other Women	
WITH FULL BOARD AND LODGING.									
1. London .. ..	s. d. 38 6	s. d. 11 2	s. d. ..	s. d. 20 0	s. d. 13 6	s. d. ..	s. d. 37 0	s. d. ..	s. d. ..
2. Lancs. & Yorks.	41 6	16 10	..	23 6	20 0	..	19 8	12 6	..
3. Other places ..	27 1	..	..	21 9	12 1	5 8	19 8	12 6	..
Total England..	31 4	12 2	..	20 9	13 9	5 8	26 7	12 6	..
4. Scotland ..	..	..	..	..	..	..	..	..	..
Total England } and Scotland }	31 4	12 2	..	20 9	13 9	5 8	26 7	12 6	..
WITH PARTIAL BOARD (usually Dinner and Tea).									
1. London .. ..	s. d. 46 0	s. d. 11 1	s. d. ..	s. d. 21 0	s. d. ..	s. d. ..	s. d. 34 4	s. d. ..	s. d. ..
2. Lancs. & Yorks.	60 0	20 0	..	..	..	..	40 0	..	..
3. Other places ..	..	15 10	..	..	..	3 9	..	..	..
Total England..	48 0	12 8	..	21 0	..	3 9	35 9	..	..
Scotland ..	32 7	9 6	..	26 9	..	..	32 3	21 0	..
Total England } and Scotland }	40 4	12 3	..	24 10	..	3 9	34 0	21 0	..
WITHOUT BOARD OR LODGING.									
1. London .. ..	s. d. ..	s. d. 14 1	s. d. 2 8	s. d. ..	s. d. 14 3	s. d. 3 7	s. d. 40 0	s. d. 15 6	s. d. 2 0
2. Lancs. & Yorks.	50 0	14 7	5 1	30 0	12 6	..	..	13 11	4 3
3. Other places ..	..	10 7	3 11	..	11 1	4 9	..	9 1	3 11
Total England..	50 0	13 5	3 11	30 0	13 2	4 2	40 0	13 2	3 11
4. Scotland ..	25 0	12 8	4 8	22 6	11 7	4 3	26 0	14 8	4 7
Total England } and Scotland }	41 8	13 2	4 1	23 7	12 6	4 3	33 0	14 2	4 4

BABY LINEN AND LADIES' UNDERCLOTHING TRADES (Indoor Workers only).

Name of District.	WOMEN.		GIRLS.	
	Machinists.	Other Women.	Full Timers.	Half Timers.
Lancashire .. ..	s. d. 14 4	s. d. 14 10	s. d. 4 4	s. d. 2 8
Glasgow .. ..	9 3	9 11	3 11	..
Totals .. ..	13 0	11 8	4 0	2 8

\* The returns also included a number of unpaid girls (apprentices and improvers). These numbered 42·6 per cent. of the total number of girls returned under "Dress-making," 47·0 per cent. under "Millinery," and 14·3 per cent. under "Mantle-making." Very few of these girls had board or lodging provided by employers, and about one-sixth of them paid their employers small premiums.  
† Rates were also returned for a few men employed as mantle cutters at an average wage of 45s. 8d. per week.

**MISCELLANEOUS TRADES.**

for a full WEEK'S WORK (exclusive of Overtime) in the following  
October 1886—continued.

*Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]*

Table on pages 134-5.]

**CLOTHING TRADES—continued.****BESPOKE TAILORING TRADE (Indoor Workers only).‡**

Occupations.	London.	Lancashire and Yorkshire.	Other Parts of England.	Total, England.	Edin- burgh, Leith, and Glasgow.	Total, England and Scotland.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Cutters .. ..	85 6	55 1	54 0	67 2	55 4	65 3
Coat makers .. ..	36 1	31 4	29 7	33 1	32 9	33 0
Trouser and vest makers..	29 2	19 7	19 11	24 6	26 3	24 10
General journeymen tailors and other workers.	33 10	28 7	23 7	28 9	26 0	27 1

**BOOT AND SHOE FACTORIES (Indoor Workers only).**

Occupations.	London.	Leicester.	Northampton.	Scotland.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Officers .. .. Time	31 5	24 6	24 9	24 5
Pressmen .. .. Time	21 11	21 1	20 6	24 5
Putters-up, Lasters, and Rivetters .. { Time ..	..	26 1	..	..
.. { Piece ..	..	26 0	22 10	20 3
Finishers .. .. Time ..	..	27 0	..	..
.. { Piece ..	..	32 2	30 8	25 8
<b>WOMEN.</b>				
Fitters.. .. { Time ..	..	15 2	10 8	11 7
.. { Piece ..	..	16 9	13 2	..
Machinists .. .. { Time ..	..	15 4	10 11	12 8
.. { Piece ..	..	16 7	..	..

**MISCELLANEOUS TRADES.****BREWERIES.**

Occupations.	London.	Burton.	Lancashire.	S.E. Counties of England.	S.W. Counties of England.	Edinburgh.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Maltmen .. .. Time	26 3	21 3	23 1	23 2	18 11	22 3
Cellarmen .. .. Time	27 7	19 4	22 7	20 4	18 2	20 2
Coopers .. .. { Time ..	40 4	32 7	35 9	32 1	33 0	27 1
.. { Piece ..	41 0	33 4	39 0	..	..	..
Draymen .. .. Time	26 11	18 0	24 5	22 2	18 0	22 0
Labourers .. .. Time	23 9	18 0	22 0	18 11	15 6	17 7

**DISTILLERIES.**

Occupations.	London and Liverpool.	Edin- burgh.	Glasgow.	Fife and Clack- mannan.	Northern Counties of Scotland.	Ireland.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Foremen .. .. Time	30 2	27 2	30 1	26 0	27 10	28 7
Maltmen .. .. Time	..	18 7	19 8	18 3	19 0	16 0
Coopers .. .. Time	35 2	26 11	30 11	25 11	27 7	34 10
Labourers, &c. .. Time	19 8	17 4	18 4	16 9	16 10	14 9

‡ The averages given for this industry are as at 1st November 1886.

MISCELLANEOUS

TABLE 104.—AVERAGE RATES of WAGES in various DISTRICTS for a  
OCCUPATIONS at

[Compiled from Report by Board of Trade on the Wages of the

[N.B.—See note at head of

MISCELLANEOUS TRADES—continued.

TIN PLATE WORKS.

Occupations.	South Wales and Mon- mouthshire.	Occupations.	South Wales and Mon- mouthshire.
<b>MEN.</b>	<i>s. d.</i>	<b>WOMEN.</b>	<i>s. d.</i>
Rollers .. .. Piece	47 0	Openers .. .. Piece	11 8
Doublers .. .. Piece	40 0	Picklers .. .. {Time	10 0
Heaters .. .. Piece	34 5	{Piece	12 0
Shearers .. .. Piece	44 4	Rubbers .. .. Piece	9 8
Tinmen .. .. Piece	42 4		
Washmen .. .. Piece	41 1		
Engine Drivers .. Time	27 4		
Labourers .. .. Time	17 5		

MANUFACTURE OF BRASS WORK AND METAL WARES.

Occupations.	London.	Midlands.	Lancashire and Yorkshire.	Scotland.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Moulders and Casters .. Time	56 8	31 9	30 11	30 5
Brass Finishers .. .. Time	37 5	27 5	29 6	29 1
Coppersmiths .. .. Time	—	—	30 8	30 6

SAW MILLS.

Occupations.	London.	Lancashire.	Southern Counties of England.	Scotland.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Machinists .. .. Time	36 10	31 7	26 0	26 8
Mill Sawyers .. .. Time	32 2	28 2	27 6	25 2
General Labourers .. .. Time	23 10	21 1	18 10	18 2

WOOD SHIPBUILDING.

Occupation.	North of England.	Norfolk, Suffolk, and Essex.	Thames and South Coast of England.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Shipwrights .. .. Time	33 6	29 7	26 8

COOPERAGE WORKS.

Occupation.	Liverpool.	Scotland (Glasgow, Edinburgh, Leith, and Aberdeen).
<b>MEN</b>	<i>s. d.</i>	<i>s. d.</i>
Coopers .. .. {Time	33 4	26 10
{Piece	39 2	27 6

## TRADES—continued.

full WEEK'S WORK (exclusive of Overtime) in the following  
October 1886—continued.

*Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]*

Table on pages 134-5.]

## MISCELLANEOUS TRADES—continued.

COACH AND CARRIAGE BUILDING (including Van, Cart, Wagon, and Wheel Works).

Occupations.	London.*	Midlands, S. Lancs., and Yorkshire.	West Scotland.	Dublin and Belfast.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Body Makers .. { Time	33 10	31 8	28 7	28 7
.. { Piece	40 3	44 8	..	38 5
Carriage Makers { Time	31 10	33 4	28 9	28 0
.. { Piece	35 8	33 4	29 0	34 8
Smiths .. .. { Time	37 4	..	..	..
.. { Piece	34 0	..	28 10	29 9
Wheel Makers .. { Time	41 9	29 7	..	..
.. { Piece	..	..	..	..

RAILWAY CARRIAGE AND WAGON BUILDING WORKS.		PRINTING AND ENGRAVING TRADES (LARGE WORKS).†			CHEMICAL MANURE WORKS.	
Occupations.	Birming- ham.	Occupations.	London.	Scotland.	Occupations.	N. and E. Counties of England.
<b>MEN.</b>	<i>s. d.</i>	<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<b>MEN.</b>	<i>s. d.</i>
Coach makers { Time	32 0	..	..	..	Phosphatic Department.	..
.. { Piece	33 11	Compo- sitors. { Time	36 3	30 11	..	..
Coach finishers { Time	30 0	.. { Piece	33 7	29 3	Millers .. Time	28 8
.. { Piece	31 6	Readers Time	40 7	38 7	Mixers .. Time	22 2
Wagon makers { Time	30 0	Pressmen Time	36 6	30 4	Labourers Time	19 1
.. { Piece	29 7	Machine minders. { Time	40 1	31 11	..	..
Smiths { Time	31 6	..	..	..	Acid Department.	..
.. { Piece	31 9	..	..	..	..	..
Smiths' strikers { Time	21 7	..	..	..	Skilled labourers { Time	25 8
.. { Piece	20 8	..	..	..	..	..
Labourers Time	17 10	..	..	..	Labourers Time	20 4

## MANUFACTURE OF BRICKS, TILES, &amp;c.]

Occupations.	Lan- cashire.	Midlands.	South-East England.	South-West England.	Scotland.
<b>MEN.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Claygetters and clay- holemen. { Time	22 8	18 1	..	17 1	18 3
.. { Piece	26 5	..	..	..	23 1
Brick moulders.. .. Piece	26 3	25 11	27 8	21 3	25 4
Kilnmen .. .. { Time	25 9	18 11	23 8	18 5	20 8
.. { Piece	..	28 6	30 1	..	27 4

\* The rates of wages may have been slightly higher in London, as many of the principal firms did not furnish returns.

† Exclusive of newspaper works.

‡ The averages given for this industry are as at 7th May 1887.

## RAILWAY SERVANTS—CLASSIFICATION

TABLE 105.—NUMBERS of MEN in the under-mentioned OCCUPATIONS in the SCOTLAND, and IRELAND, respectively, classified according to their various FIGURES for

[Compiled from Report by Board of Trade on the Wages of the  
ENGLAND AND WALES.

Occupation.	Number paid at Rates falling within the under-mentioned Limits.								Total.
	Over 40s.	Over 35s. and up to 40s.	Over 30s. and up to 35s.	Over 25s. and up to 30s.	Over 20s. and up to 25s.	Over 15s.* and up to 20s.	Over 10s. and up to 15s.*	Up to 10s.	
<b>Coaching Dept.:</b>									
Foremen .. ..	..	24	126	537	1,003	213	..	..	1,902
Porters .. ..	..	..	1	38	1,043	12,542	54	..	13,678
Shunters .. ..	..	..	10	164	1,168	1,063	..	..	2,395
Passenger guards, goods guards and brakemen.	52	163	838	5,508	3,988	271	..	..	10,820
Ticket collectors and examiners.	..	..	1	86	1,288	568	..	..	1,943
Signalmen .. ..	..	5	236	3,281	9,896	2,351	..	..	15,769
<b>Goods Dept.:</b>									
Checkers .. ..	..	9	45	1,136	3,452	1,006	..	..	5,648
Shunters .. ..	..	..	13	763	2,025	1,339	..	..	4,130
Goods guards and brakemen.	..	..	288	1,159	484	44	..	..	1,965
Porters .. ..	..	..	108	394	5,420	10,390	12	..	16,324
Carmen and draymen.	..	..	..	620	5,547	2,638	28	..	8,833
<b>Locomotive, Carriage, and Wagon Dept.:</b>									
Engine drivers ..	9,126	2,370	2,021	11	..	..	..	..	13,528
Firemen .. ..	..	..	139	4,674	7,231	1,579	..	..	13,623
Labourers .. ..	..	7	151	1,049	6,949	18,497	137	..	26,790
Mechanics (metal) ..	234	2,367	5,930	5,151	2,026	386	..	..	16,084
.. (wood) ..	10	194	1,649	3,879	967	210	..	..	6,809
Machinists and turners.	7	153	627	832	1,571	1,533	..	..	4,733
Painters, polishers, plumbers, and carriage trimmers.	5	43	245	1,353	793	438	..	..	2,877
<b>Engineer's Dept.:</b>									
Gangers, platelayers, and packers.	3	18	84	1,163	8,673	23,392	61	..	33,394
Carpenters .. ..	9	144	888	1,194	483	87	..	..	2,805
Labourers .. ..	..	..	4	121	3,541	15,205	128	..	18,999
Total for above occupations, 1891.	9,436	5,497	13,403	33,103	67,518	93,742	420	..	223,119
Percentage .. ..	4'2	2'5	6'0	14'8	30'3	42'0	0'2	..	100'0
Total for above occupations, 1888.	6,927	4,714	9,181	25,745	54,428	80,097	369	..	181,461
Percentage .. ..	3'8	2'6	5'1	14'2	30'0	44'1	0'2	..	100'0

\* Often 15s. was the minimum rate paid to men, and the numbers paid at this rate

OF WEEKLY RATES OF WAGES.

EMPLOYMENT of the PRINCIPAL RAILWAY COMPANIES of ENGLAND and WALES  
WEEKLY RATES of WAGES in 1891, together with the corresponding TOTAL  
the year 1886.

Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]

SCOTLAND.

Occupation.	Number paid at Rates falling within the under-mentioned Limits.								Total.
	Over 40s.	Over 35s. and up to 40s.	Over 30s. and up to 35s.	Over 25s. and up to 30s.	Over 20s. and up to 25s.	Over 15s.* and up to 20s.	Over 10s. and up to 15s.*	Up to 10s.	
<b>Coaching Dept. :</b>									
Foremen .. ..	..	3	5	17	64	34	..	..	123
Porters .. ..	..	..	..	15	84	1,874	..	..	1,973
Shunters .. ..	..	..	51	224	117	53	..	..	445
Passenger guards, goods guards and brakemen.	14	6	2	1,278	902	37	..	..	2,239
Ticket collectors and examiners.	..	..	1	5	47	99	..	..	152
Signalmen .. ..	..	..	6	45	1,713	665	..	..	2,429
<b>Goods Dept. :</b>									
Checkers .. ..	..	..	2	19	304	125	..	..	450
Shunters .. ..	..	..	5	60	147	160	4	..	376
Goods guards and brakemen.	..	..	..	..	..	..	..	..	..
Porters .. ..	..	..	4	35	472	1,038	10	..	1,559
Carmen and draymen.	..	..	..	85	769	226	..	..	1,080
<b>Locomotive, Carriage, and Wagon Dept. :</b>									
Engine drivers ..	175	862	445	650	..	..	..	..	2,132
Firemen .. ..	..	..	..	..	1,365	751	..	..	2,116
Labourers .. ..	..	..	2	22	290	2,442	315	..	3,071
Mechanics (metal) ..	7	36	350	1,056	215	51	..	..	1,715
" (wood) .. ..	..	1	57	723	170	17	..	..	968
Machinists and turners.	..	..	29	159	191	184	..	..	563
Painters, polishers, plumbers, and carriage trimmers.	..	1	6	256	52	34	..	..	349
<b>Engineer's Dept. :</b>									
Gangers, platelayers, and packers.	..	..	4	34	964	5,483	5	..	6,510
Carpenters .. ..	4	10	66	134	62	35	..	..	311
Labourers .. ..	..	..	..	1	84	458	45	..	538
Total for above occupations, 1891.	200	919	1,035	4,818	8,032	13,766	379	..	29,149
Percentage .. ..	0·7	3·2	3·5	16·5	27·6	47·2	1·3	..	100·0
Total for above occupations, 1886.	162	662	805	3,877	6,344	13,407	562	..	25,807
Percentage .. ..	0·6	2·5	3·1	15·0	24·6	52·0	2·2	..	100·0

as a minimum are included with the numbers paid over 15s. and up to 20s.

RAILWAY SERVANTS—CLASSIFICATION

TABLE 105.—NUMBERS of MEN in the under-mentioned OCCUPATIONS in the SCOTLAND, and IRELAND, respectively, classified according to their various FIGURES for the

IRELAND.

Occupation	Number paid at Rates falling within the under-mentioned Limits.								Total.
	Over 40s.	Over 36s. and up to 40s.	Over 30s. and up to 36s.	Over 25s. and up to 30s.	Over 20s. and up to 25s.	Over 15s. and up to 20s.	Over 10s. and up to 15s.	Up to 10s.	
Coaching Dept. : *									
Foremen .. ..	..	..	..	2	27	136	..	..	154
Porters .. ..	..	..	..	..	..	413	824	7	1,243
Shunters .. ..	..	..	..	..	9	43	5	..	57
Passenger guards, goods guards and brakemen.	..	..	..	29	166	87	8	..	290
Ticket collectors and examiners.	..	..	1	1	13	71	17	..	103
Signalmen .. ..	..	..	..	1	148	355	46	..	550
Goods Dept. :									
Checkers .. ..	..	..	..	7	71	88	25	..	191
Shunters .. ..	..	..	..	1	38	70	8	..	117
Goods guards and brakemen.	..	..	..	2	95	34	..	..	131
Porters .. ..	..	..	..	..	13	576	361	..	950
Carmen and draymen.	..	..	..	..	7	6	15	..	28
Locomotive, Carriage, and Wagon Dept. :									
Engine drivers ..	253	91	118	24	7	..	..	..	493
Firemen .. ..	..	..	..	..	257	229	9	..	495
Labourers .. ..	..	..	..	4	47	479	468	1	999
Mechanics (metal)..	2	79	373	114	77	50	..	..	694
.. (wood)..	..	5	26	165	86	11	..	..	263
Machinists and turners.	..	1	47	36	53	92	..	..	229
Painters, polishers, plumbers, and carriage trimmers.	..	..	8	69	28	14	..	..	119
Engineer's Dept. :									
Gangers, platelayers, and packers.	..	3	..	2	36	763	2,931	..	3,735
Carpenters .. ..	..	3	35	71	39	7	..	..	155
Labourers .. ..	..	..	..	2	3	66	1,079	16	1,166
Total for above occupations, 1891.	255	182	607	520	1,220	3,578	5,796	24	12,183
Percentage .. ..	2'1	1'5	5'0	4'2	10'0	29'4	47'6	0'2	100'0
Total for above occupations, 1886.	203	128	556	480	886	2,882	5,854	52	11,041
Percentage .. ..	1'8	1'2	5'0	4'4	8'0	26'1	53'0	0'5	100'0

\* Often 15s. was the minimum rate paid to men, and the numbers paid at this rate



OF WEEKLY RATES OF WAGES.—*continued.*

EMPLOYMENT of the PRINCIPAL RAILWAY COMPANIES of ENGLAND and WALES, WEEKLY RATES of WAGES in 1891, together with the corresponding TOTAL year 1886—*continued.*

## UNITED KINGDOM.

Occupation.	Number paid at Rates falling within the under-mentioned Limits.								Total.
	Over 40s.	Over 35s. and up to 40s.	Over 30s. and up to 35s.	Over 25s. and up to 30s.	Over 20s. and up to 25s.	Over 15s.* and up to 20s.	Over 10s. and up to 15s.*	Up to 10s.	
<b>Coaching Dept.:</b>									
Foremen .. ..	..	27	130	556	1,094	972	..	..	2,179
Porters .. ..	..	..	1	53	1,127	14,838	878	7	16,894
Shunters .. ..	..	..	61	388	1,294	1,149	5	..	2,897
Passenger guards, goods guards and brakemen.	66	169	840	6,815	5,056	395	8	..	13,349
Ticket collectors and examiners.	..	..	3	92	1,348	738	17	..	2,196
Signalmen .. ..	..	5	242	3,527	11,747	3,371	46	..	18,758
<b>Goods Dept.:</b>									
Checkers .. ..	..	9	47	1,162	3,327	1,219	25	..	6,289
Shunters .. ..	..	..	18	814	2,210	1,569	12	..	4,623
Goods guards and brakemen.	..	..	288	1,161	559	78	..	..	2,086
Porters .. ..	..	..	112	429	5,905	12,004	383	..	18,833
Carmen and draymen.	..	..	..	705	6,323	2,870	43	..	9,941
<b>Locomotive, Carriage, and Wagon Dept.:</b>									
Engine drivers ..	9,554	3,323	2,584	685	7	..	..	..	16,153
Firemen .. ..	..	..	139	4,674	8,853	2,559	9	..	16,234
Labourers .. ..	..	7	163	1,075	7,286	21,418	920	1	30,890
Mechanics (metal) ..	233	2,482	6,652	6,321	2,318	487	..	..	18,493
.. (wood) ..	10	200	1,732	4,757	1,223	238	..	..	8,160
Machinists and turners.	7	154	703	1,027	1,915	1,809	..	..	5,515
Painters, polishers, plumbers, and carriage trimmers.	5	44	269	1,678	873	486	..	..	3,345
<b>Engineer's Dept.:</b>									
Gangers, platelayers, and packers.	3	21	88	1,199	8,643	29,638	2,997	..	43,639
Carpenters .. ..	13	157	989	1,399	584	129	..	..	3,271
Labourers .. ..	..	..	4	124	3,628	15,729	1,252	16	20,763
Total for above occupations, 1891.	9,891	6,598	15,045	33,441	76,770	111,086	6,595	24	264,450
Percentage .. ..	3·8	2·5	5·7	14·5	29·0	42·0	2·5	0·0	100·0
Total for above occupations, 1886.	7,292	5,494	10,540	30,102	61,653	96,388	6,785	52	218,309
Percentage .. ..	3·3	2·5	4·8	13·8	28·3	44·2	3·1	0·0	100·0

as a minimum are included with the numbers paid over 15s. and up to 20s.

SEAMEN—CLASSIFICATION

TABLE 106.—NUMBER of PETTY OFFICERS, SEAMEN, FIREMEN, and other KINGDOM in 1892,\* for employment on board PASSENGER and CARGO

[Extracted from Report by Board of Trade on the Wages of the

(A.)—Monthly Rates.—Food provided by the Owners of the Vessels.

Limits of Monthly Rates.	Men.		Lads and Boys.		Women.		Total.	
	No. em- ployed.	Average Monthly Rate.	No. em- ployed.	Average Monthly Rate.	No. em- ployed.	Average Monthly Rate.	No. em- ployed.	Average Monthly Rate.
		s. d.		s. d.		s. d.		s. d.
Of and above 170s. ..	17	198 10	..	..	..	..	17	198 10
„ 160s. and under 170s.	88	160 3	..	..	..	..	88	160 3
„ 150s. „ 160s.	21	150 11	..	..	..	..	21	150 11
„ 140s. „ 150s.	69	140 2	..	..	..	..	69	140 2
„ 130s. „ 140s.	107	130 3	..	..	..	..	107	130 3
„ 120s. „ 130s.	441	120 7	..	..	..	..	441	120 7
„ 110s. „ 120s.	420	110 6	..	..	..	..	420	110 6
„ 100s. „ 110s.	1,214	100 8	..	..	..	..	1,214	100 8
„ 90s. „ 100s.	2,219	91 4	..	..	..	..	2,219	91 4
„ 80s. „ 90s.	3,085	82 6	..	..	21	80 0	3,106	82 6
„ 70s. „ 80s.	652	71 3	..	..	10	70 0	662	71 3
„ 60s. „ 70s.	1,444	61 11	..	..	38	60 0	1,482	61 10
„ 50s. „ 60s.	351	50 11	..	..	18	50 0	369	50 11
„ 40s. „ 50s.	341	41 1	7	41 5	8	40 8	356	41 1
„ 30s. „ 40s.	38	32 6	139	30 10	..	..	177	31 3
„ 20s. „ 30s.	..	..	117	21 6	..	..	117	21 6
„ 10s. „ 20s.	..	..	15	12 0	..	..	15	12 0
Totals and Averages	10,457	84 7	278	26 2	95	61 11	10,830	82 10

\* The averages in the Table are derived from the rates of wages given in agreements entered into between 19th September and 1st October 1892 for seamen employed on vessels engaged in the foreign trade, and from agreements entered into for the first voyage made in 1892, prior to 30th June, for seamen employed on vessels engaged in the home trade.

OF RATES OF WAGES.

PERSONS below the grade of OFFICERS engaged at PORTS in the UNITED STEAMERS and SAILING VESSELS,† classified according to the RATES of WAGES.

Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]

(B.)—Weekly Rates.†—The Crews of the Vessels providing their own Food.

Limits of Weekly Rates.	Men.		Lads and Boys.‡		Women.		Total.	
	No. em- ployed.	Average Weekly Rate.	No. em- ployed.	Average Weekly Rate.	No. em- ployed.	Average Weekly Rate.	No. em- ployed.	Average Weekly Rate.
		s. d.		s. d.		s. d.		s. d.
At 50s. .. .. .	1	50 0	..	..	..	..	1	50 0
Of 42s. 6d. and under 45s.	1	42 6	..	..	..	..	1	42 6
" 40s. " 42s. 6d.	5	40 0	..	..	..	..	5	40 0
" 37s. 6d. " 40s.	14	38 0	..	..	..	..	14	38 0
" 35s. " 37s. 6d.	55	35 3	..	..	..	..	55	35 3
" 32s. 6d. " 35s.	177	32 10	..	..	..	..	177	32 10
" 30s. " 32s. 6d.	844	30 3	..	..	..	..	844	30 3
" 27s. 6d. " 30s.	231	28 2	..	..	..	..	231	28 2
" 25s. " 27s. 6d.	143	25 8	..	..	..	..	143	25 8
" 22s. 6d. " 25s.	19	23 7	..	..	..	..	19	23 7
" 20s. " 22s. 6d.	80	20 9	..	..	..	..	80	20 9
" 17s. 6d. " 20s.	23	17 11	1	18 0	..	..	29	17 11
" 15s. " 17s. 6d.	2	16 6	22	15 2	..	..	24	15 3
" 12s. 6d. " 15s.	..	..	9	13 3	5	12 11	14	13 1
" 10s. " 12s. 6d.	..	..	17	11 4	4	10 6	21	11 2
" 7s. 6d. " 10s.	..	..	9	8 11	..	..	9	8 11
" 5s. " 7s. 6d.	..	..	7	5 1	1	5 0	8	5 1
Totals and Averages	1,600	29 4	65	12 0	10	11 3	1,675	28 7

† No returns of weekly rates of wages paid on sailing vessels were received.  
‡ For the purpose of this Table, all male stewards paid 35s. and less per month are taken to be "lads and boys."  
§ For the purpose of this Table, all male stewards paid 16s. or less per week are taken to be "lads and boys."

NURSES, ATTENDANTS, AND OTHERS AT HOSPITALS

TABLE 107.—NUMBERS of PERSONS of the under-mentioned CLASSES returned as in the UNITED KINGDOM, grouped according to their ANNUAL RATES

[Compiled from Report by Board of Trade on the Wages of the

[N.B.—See note at head of

A.—HOSPITALS AND INFIRMARIES.

Annual Rates of Pay in addition to Board and Lodging.\*

Limits of Annual Rates.	Number paid at Rates falling within the Limits stated.					
	WOMEN.*				MEN.†	*TOTAL MEN AND WOMEN.
	Nurses.	Probationers.	*†Other Women	Total.		
Of and above 120 <i>l</i> . .. ..	3	..	..	3	..	3
„ 110 <i>l</i> . and under 120 <i>l</i> . ..	..	..	..	..	..	..
„ 100 <i>l</i> . „ 110 <i>l</i> . ..	24	..	..	24	..	24
„ 90 <i>l</i> . „ 100 <i>l</i> . ..	3	..	..	3	..	3
„ 85 <i>l</i> . „ 90 <i>l</i> . ..	3	..	..	3	..	3
„ 80 <i>l</i> . „ 85 <i>l</i> . ..	18	..	..	18	..	18
„ 75 <i>l</i> . „ 80 <i>l</i> . ..	6	..	..	6	..	6
„ 70 <i>l</i> . „ 75 <i>l</i> . ..	11	..	..	11	..	11
„ 65 <i>l</i> . „ 70 <i>l</i> . ..	2	..	..	2	..	2
„ 60 <i>l</i> . „ 65 <i>l</i> . ..	44	..	..	44	2	46
„ 55 <i>l</i> . „ 60 <i>l</i> . ..	7	..	..	7	..	7
„ 50 <i>l</i> . „ 55 <i>l</i> . ..	38	..	1	39	..	39
„ 45 <i>l</i> . „ 50 <i>l</i> . ..	19	..	..	19	2	21
„ 40 <i>l</i> . „ 45 <i>l</i> . ..	45	..	8	53	4	57
„ 35 <i>l</i> . „ 40 <i>l</i> . ..	28	..	9	37	8	45
„ 30 <i>l</i> . „ 35 <i>l</i> . ..	190	..	23	213	13	226
„ 25 <i>l</i> . „ 30 <i>l</i> . ..	351	..	55	406	33	439
„ 20 <i>l</i> . „ 25 <i>l</i> . ..	661	21	133	815	35	850
„ 15 <i>l</i> . „ 20 <i>l</i> . ..	357	85	387	829	14	843
„ 10 <i>l</i> . „ 15 <i>l</i> . ..	78	425	835	1,338	5	1,343
„ 5 <i>l</i> . „ 10 <i>l</i> . ..	9	53	127	189	..	189
Unpaid .. ..	..	229	..	229	..	229
Totals .. ..	1,897	813	1,578	4,288	116	4,404
Average Annual Rates.. ..	26 <i>l</i> . 16 <i>s</i> .	8 <i>l</i> . 14 <i>s</i> .	14 <i>l</i> . 11 <i>s</i> .	18 <i>l</i> . 17 <i>s</i> .	25 <i>l</i> . 13 <i>s</i> .	19 <i>l</i> . 1 <i>s</i> .

\* About three-fifths of the "Nurses" and "Probationers," and nearly a third of the remainder ("Other Women" and "Men") were provided with some kind of uniform.  
† The men were mainly porters, and the "Other Women" principally housemaids, cooks, kitchen and laundry maids.  
Note.—Tables giving the Average Rates of Wages at October 1886 of Police, Employees of Municipalities and Sewers, will be found in the Abstract of Labour Statistics pp. 96-101 accompanying this Report.

AND ASYLUMS—CLASSIFICATION OF RATES OF WAGES.

EMPLOYED in 1886 at HOSPITALS and INFIRMARIES, and at LUNATIC ASYLUMS of PAY, together with the AVERAGE ANNUAL RATE of PAY for each Class.

Manual Labour Classes in the United Kingdom.—C. 6889 of 1893.]

Table on pages 134-5.]

B.—LUNATIC ASYLUMS.

Annual Rates of Pay in addition to Board and Lodging.\*

Limits of Annual Rates.	Number paid at Rates falling within the Limits stated.						
	MEN.*			WOMEN.*			*TOTAL MEN AND WOMEN.
	Atten- dants.	Others.†	Total.	Atten- dants.	Others.‡	Total.	
Of 110l. & under 120l.	1	3	4	..	..	..	4
„ 100l. „ 110l.	3	3	6	1	..	1	7
„ 90l. „ 100l.	2	1	3	2	1	3	6
„ 85l. „ 90l.	1	1	2	..	..	..	2
„ 80l. „ 85l.	4	3	7	2	..	2	9
„ 75l. „ 80l.	4	4	8	3	..	3	11
„ 70l. „ 75l.	16	5	21	2	..	2	23
„ 65l. „ 70l.	14	5	19	3	3	6	25
„ 60l. „ 65l.	29	5	34	5	4	9	43
„ 55l. „ 60l.	7	9	16	4	1	5	21
„ 50l. „ 55l.	47	43	90	7	6	13	103
„ 45l. „ 50l.	66	33	99	23	2	25	124
„ 40l. „ 45l.	226	83	309	25	12	37	346
„ 35l. „ 40l.	533	87	619	15	10	25	644
„ 30l. „ 35l.	807	124	931	77	54	131	1,062
„ 25l. „ 30l.	667	63	730	221	87	308	1,038
„ 20l. „ 25l.	182	41	223	965	197	1,162	1,385
„ 15l. „ 20l.	117	21	138	1,449	544	1,993	2,131
„ 10l. „ 15l.	22	4	26	339	344	683	709
Under 10l. „ ..	..	2	2	37	38	75	77
Totals .. ..	2,747	540	3,287	3,180	1,308	4,483	7,770
Average Annual Rates .. ..	32l. 9s.	36l. 18s.	33l. 3s.	19l. 15s.	19l. 3s.	19l. 6s.	25l. 3s.

\* More than two-thirds of the "Attendants" and about one-third of the "Others" were provided with uniform.  
† The men included in this column principally consisted of porters, tailors, shoemakers, bakers, farm-servants, gardeners, &c.  
‡ The women included in this column mainly consisted of cooks, kitchenmaids, housemaids, laundrymaids, dairymaids, &c.  
at Gas and Water Works, and workpeople engaged in making and cleansing Roads, Paving the First Annual Report of the Labour Department [C. 7585 of 1894.]

**SUMMARY OF RATES OF WAGES OF WOMEN AND GIRLS  
(EXCLUDING HALF-TIMERS) IN TEXTILE TRADES.**

**TABLE 108.—NUMBER and AVERAGE WEEKLY WAGES of WOMEN and GIRLS (excluding Half-Timers) employed on 1st October 1886 in various DISTRICTS by TEXTILE SPINNERS and MANUFACTURERS who made RETURNS to the BOARD of TRADE.**

*[Compiled from Report of Labour Department, Board of Trade, on the Statistics of Employment of Women and Girls.—C. 7564 of 1894.]*

*[N.B.—See note at head of Table on pages 134-5.]*

Districts.	Number of Women and Girls employed (exclusive of Half-Timers).	Average Weekly Wage.
<b>Cotton Trade.</b>		
Ashton-under-Lyne, Stalybridge, and neighbourhood.	10,527	s. d. 15 0
Salford, Manchester, and neighbourhood	5,386	11 11
Oldham and neighbourhood ... ..	4,657	14 1
Rochdale, Heywood, and neighbourhood	3,159	13 5
Bolton and neighbourhood ... ..	5,427	12 1
Stockport and neighbourhood ... ..	3,295	13 5
Blackburn ... ..	8,117	16 5
Burnley, Colne, Nelson, and Barrowford	3,255	18 2
Darwen, Accrington, Clitheroe, and neighbourhood.	3,246	16 10
Todmorden, Bacup, and Haslingden ...	3,805	15 8
Bury and neighbourhood ... ..	3,361	14 8
Preston ... ..	4,737	15 5
Lancaster and the northern portion of Lancashire.*	1,429	11 9
Places in Lancashire other than those included in previous Districts.	7,442	12 9
<b>Woollen Trade.</b>		
Yorkshire and Lancashire ... ..	10,909	13 2
West of England ... ..	1,757	10 8
<b>Worsted and Stuff Trade.</b>		
Bradford and neighbourhood ... ..	9,860	11 8
Other places in West Riding (Yorks) not included in previous district.	8,995	11 0

\* Including the town of Carlisle.

SUMMARY OF RATES OF WAGES OF HALF-TIMERS IN  
TEXTILE TRADES.

TABLE 109.—NUMBER and AVERAGE WEEKLY WAGES of HALF-TIMERS (Boys and Girls) employed on 1st October 1886 in various DISTRICTS by TEXTILE SPINNERS and MANUFACTURERS who made RETURNS to the BOARD of TRADE.

[Compiled from Report of Labour Department, Board of Trade, on the Statistics of Employment of Women and Girls.—C. 7564 of 1894.]

Districts.	Boys.		Girls.	
	Number employed.	Average Weekly Wage.	Number employed.	Average Weekly Wage.
<b>Cotton Trade.</b>				
Ashton-under-Lyne, Stalybridge, and neighbourhood.	627	s. d. 3 2	824	s. d. 2 9
Salford, Manchester, and neighbourhood.	67	2 11	112	2 5
Oldham and neighbourhood ...	363	3 9	356	2 11
Rochdale, Heywood, and neighbourhood.	235	3 1	195	3 1
Bolton and neighbourhood ...	256	3 0	513	2 6
Stockport and neighbourhood ...	236	2 10	544	2 6
Blackburn ... ..	1,085	2 9	1,201	2 9
Burnley, Colne, Nelson, and Barrowford.	472	3 0	411	3 0
Darwen, Accrington, Clitheroe, and neighbourhood.	361	2 8	474	2 7
Todmorden, Bacup and Haslingden	421	2 11	379	2 8
Bury ... ..	201	2 6	423	2 5
Preston ... ..	338	2 10	660	2 9
Lancaster and the northern portion of Lancashire.*	113	2 2	227	2 2
Places in Lancashire other than those included in previous districts.	358	3 0	705	2 6
<b>Woollen Trade.</b>				
Yorkshire and Lancashire ...	345	3 6	299	3 5
<b>Worsted and Stuff Trade.</b>				
Bradford and neighbourhood ...	797	3 0	1,034	3 1
Halifax and neighbourhood ...	374	2 11	516	2 10
Keighley and neighbourhood ...	361	3 4	376	3 4
Other places in West Riding (Yorks) not included in previous districts.	416	3 3	492	3 3

\* Including the town of Carlisle.

## INDUSTRIAL ACCIDENTS IN GENERAL

**TABLE 110.—NUMBER of PERSONS of the undermentioned CLASSES reported  
Years 1897 to 1900,\* and the Total Number of Persons**

[Compiled from the following Tables 111 to 120, from the Annual Returns]

	Number employed according to latest Returns.†	Number reported as Killed in			
		1897.	1898.	1899.	1900.*
<b>I.—Factories ... ..</b>	3,807,024	513	575	675	802
<b>II.—Mines.</b>					
Underground { Coal ... ..	624,223	833	779	801	901
{ Metal ... ..	20,019	42	27	50	32
Surface { Coal ... ..	155,829	97	129	115	110
{ Metal ... ..	14,446	7	6	6	6
Total Mines ... ..	814,517	979	941	972	1,049
<b>III.—Shipping (Merchant Vessels).‡</b>	221,107	1,631	1,139	1,743	1,470
<b>IV.—Railway Service.§</b>					
Accidents connected with the movement of Railway Ve- hicles. {	534,141	492	490	507	577
Other Accidents... ..		47	32	48	49
Total Railway Service§ ...	534,141	539	522	555	626
<b>V.—Quarries (over 20 feet deep):</b>					
Inside quarries ... ..	64,159	93	100	98	114
Outside quarries ... ..	33,836	30	34	19	11
Total Quarries ... ..	97,995	123	134	117	125
<b>Total of I. to V. ... ..</b>	5,474,784	3,785	3,311	4,062	4,072
<b>VI.—Workshops ... ..</b>		3	2	6	11
<b>VII.—Under Factory and Workshop Act, 1895, Ss. 22, 23.</b>		142	150	190	232
<b>VIII.—Railway Service (Contractor's Servants).</b>	Cannot be stated.	27	20	29	19
<b>IX.—Under Notice of Acci- dents Act, 1894.</b>		62	56	75	70
<b>X.—Shipping (Fishing Vessels, &amp;c.).  </b>		243	271	257	381
<b>Grand Total of I. to X.</b>		4,262	3,810	4,619	4,785

\* The figures for 1900 are preliminary only and subject to correction in the Annual Reports.

† The numbers employed relate to the following years:—Factories, 1897; Railway Service, 1898; Quarries and Merchant Vessels, 1899; Mines, 1900.

‡ Year ended 30th June. The fatal accidents to Lascars are included, but not the non-fatal.



THE UNITED KINGDOM.

SUMMARY.

as KILLED or INJURED by INDUSTRIAL ACCIDENTS during each of the  
Employed in the various Industries, so far as is known.

issued by the Home Office, and from the "Labour Gazette."]

Number reported as Injured in				
1897.	1898.	1899.	1900.*	
35,447	49,290	60,691	67,925	I.—Factories.
				II.—Mines.
3,952	3,615	3,649	4,061 {	Coal . { Underground. Metal { Coal { Surface. Metal {
212	230	229		
504	458	466		
96	105	183		
4,764	4,408	4,477	4,683	Total Mines.
2,440	2,354	2,746	2,463	III.—Shipping (Merchant Vessels).‡
				IV.—Railway Service.§
4,104	4,117	4,582	4,633	Accidents connected with the movement of Railway Ve- hicles.
10,180	8,709	10,809	11,173	
14,284	12,826	15,391	15,806	Other Accidents.
				Total Railway Service.§
				V.—Quarries (over 20 feet deep).
661	768	918	803	Inside quarries. Outside quarries.
465	666	249	175	
1,126	1,434	1,167	978	Total Quarries.
58,061	70,312	84,472	91,855	Total of I. to V.
76	135	150	231	VI.—Workshops.
4,293	7,410	9,048	9,819	VII.—Under Factory and Workshop Act, 1895, Ss. 22, 23.
118	153	191	151	VIII.—Railway Service (Contractor's Servants).
1,154	1,491	2,358	2,293	IX.—Under Notice of Acci- dents Act, 1894.
154	132	150	115	X.—Shipping (Fishing Vessels, &c.)
63,856	79,633	96,369	104,464	Grand Total of I. to X.

§ Excluding Contractor's Servants. (See VIII.)  
|| Year ended 30th June. The fatal accidents relate to all Fishing vessels  
and other boats and craft. The non-fatal accidents relate only to Fishing  
vessels of 15 tons and upwards registered under Part I. of the Merchant  
Shipping Act, 1894.

## ACCIDENTS TO FACTORY AND WORKSHOP OPERATIVES.

TABLE 111.—NUMBER of PERSONS reported as KILLED or INJURED in FACTORIES and WORKSHOPS in the UNITED KINGDOM in each of the Years 1886 to 1900,\* distinguishing MALES (M.), and FEMALES (F.).

Year.	Killed.			Injured.					
	M.	F.	Total.	Reported to Certifying Surgeons.			Reported to Inspectors only.†		
				M.	F.	Total.	M.	F.	Total.
1886 ...	309	7	316	5,013	1,327	6,340	...	...	...
1887 ...	359	9	368	5,137	1,322	6,459	...	...	...
1888 ...	369	17	386	5,589	1,462	7,051	...	...	...
1889 ...	432	11	443	5,967	1,557	7,524	...	...	...
1890 ...	436	48	484	6,238	1,489	7,727	...	...	...
1891 ...	405	15	420	6,502	1,605	8,107	...	...	...
1892 ...	403	23	426	6,654	1,563	8,217	...	...	...
1893 ...	403	19	422	6,332	1,432	7,764	...	...	...
1894 ...	430	18	448	7,661	1,640	9,301	...	...	...
1895 ...	431	24	455	8,231	1,780	10,011	...	...	...
1896† ...	{ 480 105	{ 10 1	{ 490 106	11,457	2,380	13,837	†	†	19,124
1897† ...	{ 503 141	{ 13 1	{ 516 142	12,985	2,342	15,327	23,891	598	24,489
1898† ...	{ 567 150	{ 10 ...	{ 577 150	15,843	2,657	18,500	37,495	840	38,335
1899† ...	{ 669 189	{ 12 1	{ 681 190	18,758	3,142	21,900	46,958	1,031	47,989
1900*† ...	{ 797 229	{ 16 3	{ 813 232	23,385	3,274	26,659	50,021	1,295	51,316

*Note.*—The number of persons employed in factories in the United Kingdom in 1897 was 3,807,024. The number employed in all workshops from which accidents are required to be reported cannot be stated, although the number is very large. The number of accidents in workshops reported is, however, very small.

\* The figures for 1886–99 have been compiled from the Appendices to the Annual Reports of the Chief Inspector of Factories and Workshops. Those for 1900 are preliminary and subject to revision.

† The Factory and Workshop Act of 1895 (Sections 22, 23) brought in a number of industries previously outside the Acts. The fatal accidents in these industries have been recorded separately, and are shown in the table in the second line of figures from 1896 onwards. The class of accidents in all industries required to be reported to Inspectors only was not reportable under the Factory Acts prior to that of 1895.

† Not distinguished in Factory Reports.

### ACCIDENTS TO FACTORY OPERATIVES.—NON-TEXTILE FACORIES.

TABLE 112.—NUMBER of OPERATIVES KILLED and INJURED by ACCIDENTS in the under-mentioned classes of NON-TEXTILE FACTORIES in the UNITED KINGDOM in 1899, together with the NUMBER of PERSONS employed in such FACTORIES in 1897, and the ACCIDENT RATES per 1,000 employed.

[Compiled from the Annual Report of the Chief Inspector of Factories and Workshops for the Years 1898 and 1899. (C.—9281 of 1899 and Cd.—223 of 1900.)]

Industry carried on in the Factory.	Males.		Females.		Total.		Total Number Em- ployed.*	Death Rate per 1,000 Persons Em- ployed.
	Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.		
Flax Scutch Mills	..	6	..	2	..	8	4,806	..
Print, Bleach, Dye Works.	19	747	..	57	19	804	133,681	0'14
Wood.—Saw Mills, Carpenters.	27	1,789	..	14	27	1,803	100,352	0'27
Cabinet. Furni- ture and House- hold Utensil Makers, and Upholsterers.	3	357	..	4	3	361	64,851	0'06
Metals, Extrac- tion, Founding and Conversion of.	106	7,603	..	24	106	7,627	306,927	0'36
Machines, Con- veyances, Ap- pliances, Tools.	269	32,400	..	317	269	32,717	830,263	0'32
Metals, Galvanis- ing, Finishing, &c.	3	462	2	105	5	567	20,873	0'24
Clothing .. ..	3	455	..	98	3	553	239,609	0'01
Paper, Printing, Stationery, &c.	28	1,497	2	296	30	1,793	241,049	0'12
Food, Drink, To- bacco, Snuff, and Cigars.	40	1,703	3	276	43	1,979	255,055	0'17
Jewellery, Plate, Fine Instru- ments, Fancy Articles, Games.	..	92	..	43	..	135	53,791	..
Leather.—Tan- ners, Fellmon- gers, Curriers.	4	198	..	1	4	199	27,713	0'14
India-rubber and Gutta-percha.	1	130	..	8	1	138	18,993	0'06
Glass, Clay, Stone, &c.	33	1,794	1	77	33	1,871	166,418	0'20
Chemicals, &c. (including Ex- plosives).	37	1,750	..	55	37	1,814	100,733	0'37
Gas .. ..	20	817	..	1	20	818	53,475	0'37
All other Indus- tries.	24	1,272	..	182	24	1,454	136,871	0'13
<b>Total, United Kingdom.</b>	<b>616</b>	<b>53,081</b>	<b>3</b>	<b>1,560</b>	<b>624</b>	<b>54,641</b>	<b>2,755,460</b>	<b>0'23</b>
<i>Rate per 1,000 em- ployed.</i>	<i>0'27</i>	<i>23'51</i>	<i>0'02</i>	<i>3'14</i>	<i>0'23</i>	<i>19'83</i>	..	..

\* The numbers of males and females respectively are given in Table 144 on page 204.

ACCIDENTS TO FACTORY OPERATIVES.—

TABLE 113.—NUMBER of OPERATIVES KILLED and INJURED by ACCIDENTS KINGDOM in 1899, together with the NUMBER of PERSONS employed in  
[ Compiled from the Annual Report of the Chief Inspector of Factories and Work-

Industry carried on in the Factory.	MALES.		FEMALES.		TOTAL.		Total Number Em- ployed.*	Death Rate from Ac- cidents per 1,000 persons Em- ployed.
	Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.		
	ADULTS (18 and over).							
Cotton .. ..	17	1,571	1	794	18	2,365	380,066	0·05
Wool .. ..	8	315	..	166	8	481	94,420	0·08
Worsted .. ..	4	252	1	201	5	453	92,001	0·05
Flax .. ..	..	58	..	49	..	107	78,416	..
Silk .. ..	2	23	..	22	2	45	26,842	0·07
Lace and Hosiery	2	44	..	21	2	65	40,575	0·05
Other Textiles† ..	3	138	..	139	3	277	58,905	0·05
Total ..	36	2,401	2	1,392	38	3,793	771,225	0·05
Rate per 1,000 em- ployed.	0·12	8·11	0·00	2·23	0·05	4·99	..	..
	YOUNG PERSONS (Full-Timers under 18).							
Cotton .. ..	3	568	1	592	4	1,160	119,614	0·03
Wool .. ..	4	112	..	90	4	202	19,997	0·20
Worsted .. ..	4	178	..	120	4	298	34,455	0·12
Flax .. ..	..	58	..	24	..	82	21,265	..
Silk .. ..	..	19	..	18	..	37	8,667	..
Lace and Hosiery	..	31	..	17	..	48	12,530	..
Other Textiles† ..	..	106	..	44	..	150	14,784	..
Total ..	11	1,162	1	905	12	2,067	231,302	0·05
Rate per 1,000 em- ployed.	0·14	14·00	0·01	5·93	0·05	8·68	..	..

\* The numbers of Males and Females respectively are given in Table 144 on page 206.

TEXTILE FACTORIES.

the under-mentioned Classes of TEXTILE FACTORIES in the UNITED such FACTORIES in 1897, and the ACCIDENT RATES per 1,000 employed. shops for the Years 1898 and 1899. (C.—9281 of 1899 and Cd.—223 of 1900.)]

Industry carried on in the Factory.	MALES.		FEMALES.		TOTAL.		Total Number Em- ployed.*	Death Rate from Ac- cidents per 1,000 Persons Em- ployed.
	Killed.	In- jured.	Killed.	In- jured.	Killed.	In- jured.		
CHILDREN (Half-Timers under 14).								
Cotton .. ..	1	125	..	43	1	168	27,543	0'04
Wool .. ..	..	8	..	5	..	13	1,660	..
Worsted .. ..	..	16	..	21	..	37	8,977	..
Flax.. ..	..	13	..	10	..	23	6,423	..
Silk .. ..	..	1	..	2	..	3	1,138	..
Lace and Hosiery	..	1	..	1	..	2	517	..
Other Textiles† ..	..	4	..	..	..	4	2,779	..
Total ..	1	163	..	82	1	250	49,037	0'02
Rate per 1,000 em- ployed.	0'05	7'81	..	3'04	0'02	5'10	..	..
TOTAL (All Ages).								
Cotton .. ..	21	2,394	2	1,429	23	3,723	537,223	0'04
Wool .. ..	12	435	..	261	12	696	116,077	0'10
Worsted .. ..	8	446	1	342	9	788	135,433	0'07
Flax.. ..	..	129	..	83	..	212	106,104	..
Silk.. ..	2	43	..	42	2	85	36,637	0'05
Lace and Hosiery	2	76	..	39	2	115	53,622	0'04
Other Textiles† ..	3	248	..	183	3	431	76,468	0'04
Total ..	48	3,671	3	2,379	51	6,050	1,051,564	0'05
Rate per 1,000 em- ployed.	0'12	8'25	0'00	3'63	0'06	5'75	..	..

The "other textiles" are shoddy, hemp, jute, horsehair, coccoo-nut fibre, elastic.

## FATAL ACCIDENTS TO COAL MINERS.

TABLE 114.—NUMBER of DEATHS resulting from ACCIDENTS in and about the MINES of the UNITED KINGDOM and reported under the COAL MINES REGULATION ACT in each of the Years 1886 to 1900,\* together with the DEATH-RATE from ACCIDENTS per 1,000 PERSONS employed, and per 1,000,000 TONS of MINERAL raised respectively.

Year	Number of Deaths resulting from—					Grand Total of Deaths.	Death-rate from Accidents.	
	Ex- plosions of Fire- damp or Coal Dust.	Falls of Ground.	Acci- dents in Shafts.	Miscel- laneous Acci- dents Under- ground.	Acci- dents on Surface.		Per 1,000 Persons employed.	Per 1,000,000 Tons of Mineral raised.
1886	129	461	86	188	89	953	1·83	5·61
1887	149	470	84	213	79	995	1·89	5·75
1888	49	471	75	209	102	906	1·65	4·86
1889	138	465	74	292	143	1,112	1·91	5·61
1890	290	434	88	245	137	1,194	1·89	5·96
1891	51	476	119	236	123	1,005	1·50	4·95
1892	123	435	91	255	112	1,016	1·49	5·11
1893	160	412	103	265	120	1,060	1·55	6·04
1894	317	444	77	177	112	1,127	1·60	5·65
1895	55	426	97	345	119	1,042	1·49	5·17
1896	173	424	68	237	123	1,025	1·48	4·92
1897	19	480	57	277	97	930	1·34	4·32
1898	27	431	64	257	129	908	1·28	4·22
1899	54	437	69	241	115	916	1·26	3·93
1900*	46	495	79	281	110	1,011	1·30	4·24

Note.—The number of persons employed in and about mines under the Coal Mines Regulation Acts in the United Kingdom in 1900 was 780,052, viz., 624,223 underground and 155,829 above ground. The quantity of mineral raised in 1900 was 238,291,275 tons, of which 225,170,163 tons were coal.

\* The figures for 1886–99 have been compiled from the Annual Returns issued by the Home Office. Those for 1900 are preliminary and subject to revision.

## FATAL ACCIDENTS TO METAL MINERS.

TABLE 115.—NUMBER of DEATHS resulting from ACCIDENTS in and about the MINES of the UNITED KINGDOM and reported under the METALLIFEROUS MINES REGULATION ACTS in each of the Years 1886 to 1900,\* together with the DEATH-RATE from ACCIDENTS per 1,000 PERSONS employed.

Year.	Number of Deaths resulting from—					Grand Total of Deaths.	Death-rate from Accidents per 1,000 Persons employed.
	Ex-plosions of Fire-damp.	Falls of Ground.	Acci-dents in Shafts.	Miscel-laneous Acci-dents Under-ground.	Acci-dents on Surface.		
1886...	...	21	11	23	10	65	1·58
1887...	5	23	13	14	1	56	1·34
1888...	1	25	14	25	7	72	1·66
1889...	...	28	12	15	9	64	1·47
1890...	...	14	10	14	8	46	1·09
1891...	...	24	13	9	5	51	1·29
1892...	...	19	12	13	8	52	1·36
1893...	...	23	12	27	3	65	1·78
1894...	...	13	16	11	6	46	1·36
1895...	...	21	13	13	7	54	1·62
1896...	...	15	11	7	7	40	1·21
1897...	...	10	2	30	7	49	1·46
1898...	...	20	2	5	6	33	0·96
1899	...	19	14	17	6	56	1·59
1900*	...	16	6	10	6	38	1·10

*Note.*—The number of persons employed in mines under the Metalliferous Mines Regulation Acts in the United Kingdom, in 1900, was 34,465, viz., 20,019 underground and 14,446 above ground.

\* See note (\*) on page 168.

## FATAL ACCIDENTS TO SEAMEN.

TABLE 116.—NUMBER OF DEATHS BY ACCIDENTS AT SEA AND IN RIVERS AND HARBOURS amongst SEAMEN in VESSELS belonging to the UNITED KINGDOM in each of the YEARS 1885-86 to 1899-1900\*.

Years.	Deaths in Sea-going TRADING VESSELS registered under the Merchant Shipping Acts.			Deaths in FISHING VESSELS.			Deaths by Wrecks of, or Casualties to, other BOATS and CRAFT.	TOTAL DEATHS.		
	By Wrecks of, or Casualties to, the Vessels.	By other Accidents.	Total.	By Wrecks of, or Casualties to, the Vessels.	By other Accidents.	Total.		By Wrecks of, or Casualties to, the Vessels.	By other Accidents.	total.
1885-86	863	653	1,516	129	99	228	48	1,040	752	1,792
1886-87	1,349	693	2,042	161	108	269	79	1,589	801	2,390
1887-88	1,174	772	1,946	163	212	375	43	1,380	984	2,364
1888-89	962	841	1,803	236	178	414	43	1,241	1,019	2,260
1889-90	914	870	1,784	158	124	282	69	1,141	994	2,135
1890-91	1,208	789	1,997	104	91	195	47	1,359	880	2,239
1891-92	1,104	810	1,914	200	103	303	58	1,362	913	2,275
1892-93	970	649	1,619	88	85	173	58	1,116	734	1,850
1893-94	1,220	802	2,022	283	96	378	80	1,562	888	2,450
1894-95	957	764	1,721	373	96	469	46	1,376	880	2,256
1895-96	1,154	742	1,896	179	93	272	65	1,398	835	2,233
1896-97	899	732	1,631	95	110	203	40	1,032	842	1,874
1897-98	489	650	1,139	149	86	235	36	674	736	1,410
1898-99	1,081	663	1,743	106	103	209	48	1,235	765	2,000
1899-1900	777	693	1,470	233	83	316	65	1,075	776	1,851

NOTE.—The number of seamen employed in Sea-going Trading Vessels belonging to the United Kingdom registered under the Merchant Shipping Acts, 1898-99, was 221,107. The number employed in Fishing Vessels and in other Boats and Craft cannot be stated. \* The figures for 1885-86 to 1898-99 are extracted from the Abstracts of Shipping Casualties (Cd. 518 of 1900). Those for 1899-1900 are preliminary only and subject to revision.



## ACCIDENTS TO RAILWAY SERVANTS.

TABLE 117.—NUMBER of SERVANTS of RAILWAY COMPANIES and CONTRACTORS who were KILLED or INJURED on Railways or on the Premises of the RAILWAY COMPANIES in the UNITED KINGDOM in each of the Years 1886 to 1900.\*

Year.	By Accidents connected with the movement of Railway Vehicles.			By other Accidents.		
	Killed.	Injured.	Total Killed and Injured.	Killed.	Injured.	Total Killed and Injured.
1886	425	2,010	2,435	34	3,480	3,514
1887	422	2,075	2,497	34	3,708	3,737
1888	396	2,193	2,589	46	4,392	4,438
1889	435	2,769	3,204	41	5,593	5,634
1890	499	3,122	3,621	37	6,287	6,324
1891	549	3,161	3,710	54	5,995	6,049
1892	534	2,915	3,449	41	5,510	5,551
1893	460	2,631	3,091	56	4,204	4,260
1894	479	2,711	3,190	43	4,518	4,561
1895	442	2,654	3,096	47	4,826	4,873
1896	447	3,986†	4,433†	43	10,124†	10,167†
1897	510	4,129	4,639	56	10,273	10,329
1898	504	4,149	4,653	38	8,830	8,868
1899	531	4,633	5,164	53	10,949	11,002
1900*	593	4,679	5,272	52	11,278	11,330

NOTE.—The number of persons employed on 31st December, 1898, by Railway Companies in the United Kingdom is given as 534,141 in the General Report upon Railway Accidents in 1899 (Cd. 169 of 1900).

\* The figures for 1886-99 are compiled from the Annual Reports issued by the Board of Trade. Those for 1900 are preliminary only and subject to revision.

† The Report for 1896 states that "there can be no doubt that the number of returns of injuries to servants received by the Board of Trade has been considerably affected by the Order recently made by the Department as regards the mode in which the returns are made."

ACCIDENTS REPORTED UNDER NOTICE OF ACCIDENTS  
ACT, 1894.\*

TABLE 118.—NUMBER of PERSONS KILLED or INJURED in ACCIDENTS reported  
to the BOARD of TRADE under the NOTICE OF ACCIDENTS ACT\* during each  
of the years 1896 to 1900.

[Compiled from particulars supplied by the Railway Department of the Board  
of Trade.]

I.—DISTINGUISHING NATURE OF EMPLOYMENT.

Nature of Works, &c.	Killed.					Injured.				
	1896.	1897.	1898.	1899.	1900.	1896.	1897.	1898.	1899.	1900.
(A). CONSTRUCTION OR REPAIR OF:—										
Bridge .. .. .	8	5	2	3	4	28	36	32	25	33
Canal .. .. .	..	..	2	1	3	10	2	7	22	14
Railway† .. .. .	24	25	25	30	29	436	481	544	738	811
Tramroad .. .. .	..	1	..	..	..	..	..	..	2	1
Tramway .. .. .	1	..	..	..	2	6	7	17	23	50
Tunnel .. .. .	6	5	4	8	9	191	125	81	159	295
Other Works authorised by any local or personal Act of Parliament.	9	18	12	17	15	307	334	484	1,005	748
Total .. .. .	48	54	45	59	62	973	985	1,165	1,374	1,952
(B). USE OR WORKING OF:—										
Bridge .. .. .	..	..	..	..	..	..	..	..	..	3
Canal .. .. .	3	4	5	11	4	35	37	43	64	46
Tramroad .. .. .	..	..	..	..	..	2	6	1	1	1
Tramway .. .. .	1	2	1	2	2	114	107	262	303	275
Tunnel .. .. .	1	..	..	..	..	..	..	..	..	..
Other Works authorised by any local or personal Act of Parliament.	1	..	..	..	1	15	18	17	11	16
Traction or other steam engine or machine in the open air.	4	2	5	3	1	..	1	3	5	..
Total .. .. .	10	8	11	16	8	166	169	326	384	341
(C). Grand Total .. ..	58	62	56	75	70	1,139	1,154	1,491	1,758	2,293

\* Section 6 of the Act states that "Nothing in this Act shall apply to any employment which is for the time being regulated by any Act of Parliament administered by the Secretary of State, or by inspectors appointed by him, or shall require notice to be given of any accident of which notice is required by any other Act to be given to the Board of Trade."  
† Accidents during the working of railways being reportable under other Acts are not notified under the Act of 1894.

ACCIDENTS REPORTED UNDER NOTICE OF ACCIDENTS ACT, 1894—continued.

TABLE 119.—NUMBER of PERSONS INJURED in ACCIDENTS reported to the BOARD OF TRADE under the NOTICE OF ACCIDENTS ACT\* during each of the years 1896 to 1900. [Compiled from particulars supplied by the Railway Department of the Board of Trade.]

II.—DISTINGUISHING NATURE OF INJURY.

Nature of Injury.	Construction or Repair.					Use or Working.				
	1896.	1897.	1898.	1899.	1900.	1896.	1897.	1898.	1899.	1900.
Fractures .. .. .	99	95	111	122	133	15	22	30	31	18
Dislocations .. .. .	15	11	19	15	15	..	3	4	9	2
Ruptures and other severe injuries to body.	73	45	38	48	47	15	6	8	13	17
Injuries to eye .. ..	34	26	52	69	73	4	4	17	14	6
Other injuries to head or face.	129	150	161	244	270	25	25	29	38	32
Other injuries to arms or hands.	269	215	301	567	610	31	29	64	60	84
Other injuries to legs or feet	262	297	348	638	544	54	56	117	136	127
Miscellaneous injuries ..	92	146	135	371	280	22	24	57	53	55
Total .. .. .	973	955	1,165	1,974	1,952	166	169	326	384	341

FATAL ACCIDENTS TO QUARRYMEN.

TABLE 120.—NUMBER of DEATHS resulting from ACCIDENTS in and about the QUARRIES (more than 20 feet deep) of the UNITED KINGDOM and reported under the QUARRIES ACT in each of the Years 1895 to 1900.\*

Year.†	Number of Deaths resulting from the under-mentioned classes of Accidents.						Grand Total of Deaths.	Death-rate from Accidents per 1,000 Persons employed.
	Inside the Quarries.				Outside the Quarries.			
	Falls of Ground.	By Blasting.	During Descent or Ascent.	Miscellaneous.	Ma- chinery.	Miscel- laneous.		
1895	43	8	1	30	6	14	102	0·97
1896	43	10	2	35	14	20	124	1·10
1897	51	13	4	25	10	20	123	1·00
1898	44	10	2	44	15	19	134	1·00
1899	44	8	2	44	8	11	117	1·19
1900*	53	13	4	44	2	9	125	‡

Note.—The number of persons employed in Quarries under the Quarries Act in the United Kingdom in 1899 was 97,995, viz., 64,159 inside, and 33,836 outside the quarries.  
\* The figures for 1895-9 are compiled from the Annual Returns issued by the Home Office. The figures given for 1900 are preliminary only, and subject to revision.  
† The Quarries Act only came into operation in 1895. Figures for previous years cannot be stated.  
‡ Cannot be stated, as the number employed in 1900 is not yet available.

DISEASES OF

TABLE 121.—NUMBER of CASES of LEAD, PHOSPHORUS, ARSENIC, and MERCURIAL INDIRECTLY ATTRIBUTABLE to these DISEASES, reported as 1899 and 1900, classified according to AGE

[Compiled from Returns furnished by the Home Office. The figures for 1900 Factories and

NOTE.—Cases include all attacks, fatal or otherwise, reported, and not included date of the report. Deaths include all fatal cases

DISEASE AND INDUSTRY.	CASES.									
	1900.					1899.				
	Adults.		Young Persons.		Total.	Adults.		Young Persons.		Total.
	M.	F.	M.	F.	M. & F.	M.	F.	M.	F.	M. & F.
LEAD POISONING.										
White Lead Works ..	325	33	..	..	358	373	26	..	..	399
China and Earthenware ..	88	93	9	12	200	119	99	9	22	249
Litho-transfer Works ..	6	..	1	3	10	6	2	2	1	11
Red and Yellow Lead Works.	19	..	..	..	19	21	2	..	..	23
Enamelling of Iron Plates	8	3	..	..	11	5	4	..	1	10
Electrical Accumulator Works.	31	..	2	..	33	31	1	..	..	32
Manufacture of Paints and Colours.	51	5	..	..	56	71	2	2*	..	75
Smelting of Metals ..	34	..	..	..	34	61	..	..	..	61
Sheet Lead and Lead Piping.	16	..	1	..	17	26	..	..	..	26
Printing .. ..	16	..	2	..	18	24	1	1	..	26
File Cutting .. ..	37	3	..	..	40	39	2	..	..	41
Coach Making .. ..	65	..	2	..	70	61	1	3	..	65
Shipbuilding .. ..	32	..	..	..	32	33	..	..	..	33
Paint used in other In- dustries.	48	..	2*	..	50	44	5	3	2	54
Other Industries .. ..	85	13	3	9	110	127	14	9	3	153
Total .. ..	862	150	22*	24	1,058	1,041	159	29*	29	1,258
PHOSPHORUS POISONING.										
Total .. ..	1	2	..	..	3	5	3	..	..	8
ARSENIC POISONING.										
Paints, Colours and Ex- traction of Arsenic.	..	6	..	1	7	..	..	..	..	..
Other Industries .. ..	15	..	..	..	15	..	..	..	..	..
Total .. ..	15	6	..	1	22	..	..	..	..	..
MERCURIAL POISONING.†										
Total .. ..	7	2	..	..	9	9	1	..	..	10
ANTHRAX.										
Wool Sorting and Comb- ing.	7	2	..	..	9	14	3	1	..	18
Handling of Horsehair ..	5	2	3	2	12	8	2	6	1	17
Handling and Sorting of Hides and Skins (Tan- ners, Fellmongers, &c.).	9	..	..	..	9	16	..	..	..	16
Other Industries .. ..	3	1	1	2	7	4	..	..	..	4
Total .. ..	24	5	4	4	37	42	5	7	1	55

NOTE.—In addition to the cases included in the Table, 198 cases of lead poisoning (including reportable under the Factory and Workshop Acts. In 1899 these cases exceeded 100, and the

† Including one case affecting a boy.

OCCUPATIONS.

POISONING, and of ANTHRAX, and the NUMBER of DEATHS DIRECTLY or having occurred in FACTORIES and WORKSHOPS during and SEX (M. = Males, F. = Females).

are subject to correction in the Annual Report of the Chief Inspector of Workshops.]

as a Case, so far as is known, in the twelve months immediately preceding the reported, whether included, as Cases, previously or not.

DEATHS.										DISEASE AND INDUSTRY.
1900.					1899.					
Adults.		Young Persons.		Total. M. & F.	Adults.		Young Persons.		Total. M. & F.	
M.	F.	M.	F.		M.	F.	M.	F.		
5	1	..	..	6	5	..	..	..	5	LEAD POISONING. White Lead Works. China and Earthenware. Litho-transfer Works. Red and Yellow Lead Works. Enamelling of Iron Plates. Electrical Accumulator Works. Manufacture of Paints and Colours. Smelting of Metals. Sheet Lead and Lead Piping. Printing. File Cutting. Coach Making. Shipbuilding. Paints used in other Industries. Other Industries.
4	4	..	..	8	9	6	..	1	16	
..	..	..	..	..	..	..	..	..	..	
..	..	..	..	..	1	..	..	..	1	
1	..	..	..	1	1	..	..	..	1	
1	..	..	..	1	1	..	..	..	1	
..	..	1	..	1	..	..	..	..	..	
1	..	1	..	2	1	..	..	..	1	
3	..	..	..	3	1	..	..	..	1	
5	..	..	..	5	1	..	..	..	1	
2	..	..	..	2	..	..	..	..	..	
4	..	1	..	5	..	..	..	..	..	
4	..	..	..	4	4	..	..	..	4	
30	5	3	..	38	24	6	..	1	31	
..	..	..	..	..	..	1	..	..	1	PHOSPHORUS POISONING. Total.
..	..	..	..	..	..	..	..	..	..	ARSENIC POISONING. Paints, Colours, and Ex- traction of Arsenic. Other Industries. Total.
3	..	..	..	3	..	..	..	..	..	
3	..	..	..	3	..	..	..	..	..	
..	..	..	..	..	..	..	..	..	..	MERCURIAL POISONING. Total.
2	..	..	..	2	3	1	1	..	5	ANTHRAX. Wool Sorting and Comb- ing. Handling of Horsehair. Handling and Sorting of Hides and Skins (Tan- ners, Fellmongers, &c.). Other Industries. Total.
1	2	..	..	3	2	..	1	1	4	
1	..	..	..	1	3	..	..	..	3	
1	..	..	..	1	2	..	..	..	2	
5	2	..	..	7	10	1	2	1	14	

38 deaths) were reported in 1900 among house painters and plumbers. Such cases are not number of deaths reported was 18.  
† Cases of mercurial poisoning were not reported prior to May 1st, 1899.

## INDUSTRIAL ACTIONS AND PROSECUTIONS.

**EMPLOYERS' LIABILITY ACT AND WORKMEN'S COMPENSATION ACT—CASES IN COUNTY AND SHERIFF COURTS.**

[Compiled from Statistics of Proceedings under the Workmen's Compensation Act, 1897, and the Employers' Liability Act, 1880. C.—9251 of 1899 and Cd. 281 of 1900.]

TABLE 122.—SUMMARY OF ACTIONS AND ARBITRATIONS IN COUNTY AND SHERIFF COURTS IN THE UNITED KINGDOM DURING 1899.

**(A.) EMPLOYERS' LIABILITY ACT.**

Nature of Employment.	Total No. of Cases.	Result.				Amount of Damages Awarded.
		Judgment for Plaintiff or Pursuer.	Judgment for Defendant or Defender.	Removed into High Court or Court of Session.	Otherwise Disposed of.	
Railway .. ..	28	2	6	2	18	£ s. d. 130 0 0
Factory .. ..	340	97	43	3	197	6,586 15 10
Mine .. ..	29	1	7	5	16	10 2 0
Quarry .. ..	11	3	1	1	6	305 0 0
Engineering work	43	9	13	2	19	857 10 0
Building .. ..	106	43	31	5	87	2,857 10 0
Other employments	42	6	15	1	20	356 5 0
<b>TOTAL UNITED KINGDOM</b>	<b>659</b>	<b>161</b>	<b>116</b>	<b>19</b>	<b>363</b>	<b>11,103 2 10</b>

**(B.) WORKMEN'S COMPENSATION ACT.**

Nature of Employment.	Total No. of Cases.	Result.			Amount of Compensation Awarded (in cases in Col. 3).			
		For Applicant or Pursuer.	For Respondent or Defender.	Otherwise disposed of.	Lump Sum.		Weekly Payments.	
					No. of Cases.	Total Amount.	No. of Cases.	Total Weekly Amount.
(1.)	(2.)	(3.)	(4.)	(5.)	(6.)	(7.)	(8.)	(9.)
Railway .. ..	140	98	15	32	70	£ s. d. 10,333 11 11	22	£ s. d. 19 12 8½
Factory .. ..	839	413	182	244	122	13,273 18 1	279	134 10 5½
Mine .. ..	288	172	39	77	97	13,659 0 2	75	37 6 10
Quarry .. ..	66	33	13	20	13	1,603 19 11	20	7 11 10
Engineering work	157	72	32	53	33	4,012 0 3	38	20 5 4
Building .. ..	208	94	55	59	40	4,727 18 1	51	32 9 8
<b>TOTAL UNITED KINGDOM.</b>	<b>1,696</b>	<b>877*</b>	<b>336</b>	<b>485</b>	<b>374</b>	<b>47,610 8 5</b>	<b>485</b>	<b>242 16 10</b>

NOTE.—It will be understood that the above statistics relate only to those cases which have been made the subject of legal proceedings. There are no available figures as to the total number of cases in which compensation for accidents has been settled by agreement or by informal arbitration.

\* Including 13 successful applications for termination or redemption of weekly payments or indemnification by a third party, 3 cases in which a declaration of liability only was made, and 3 cases in which the amount of compensation was not settled. These 18 cases do not, of course, appear in cols. 6-9.

## PROSECUTIONS UNDER FACTORY AND WORKSHOP ACTS.

TABLE 123.—SUMMARY of PROSECUTIONS instituted during 1899, with NUMBER of CONVICTIONS, and the TOTAL AMOUNT of PENALTIES and COSTS imposed.

[Extracted from Annual Report of Chief Inspector of Factories and Workshops for the Year 1899.—Cd. 223 of 1900.]

Nature of Offence.	Number of				Total Penalties and Costs.
	Groups of Prosecutions.*	Cases.*	Con-victions.	Cases with-drawn on payment of Costs.	
<b>Keeping Registers, Sending Notices, &amp;c.</b>					
Failure as regards:					£ s. d.
Keeping Registers, sending Notices, &c.	338	420	406	8	461 18 3
Posting of Abstracts, Notices, &c.	100	108	106	..	103 14 6
Obstruction or Personation of H.M. Inspectors.	19	20	15	..	26 18 8
<b>Sanitation and Safety.</b>					
Failure to fence dangerous machinery.	104	105	100	8	244 8 8
Failure to lime-wash factory, &c.	45	45	42	8	61 10 11
Other offences .. .. .	42	43	40	..	296 2 3
<b>Children.</b>					
Age, fitness, &c., of children ..	54	71	66	8	68 16 8
Employment of children at illegal times.	60	68	64	1	98 15 5
Other offences .. .. .	17	17	16	..	13 5 0
<b>Young Persons.</b>					
Employing young person under 16 without certificate of fitness.	220	374	366	7	487 9 3
Employment of young persons at illegal times:					
Before or after legal hours ..	260	541	533	8	462 3 4
At night .. .. .	87	160	168	..	189 1 6
Beyond legal hour on half-holiday.	50	95	86	1	77 13 5
At meal times .. .. .	40	144	121	21	180 13 7
At other illegal times .. ..	44	86	83	3	97 4 11
Other offences .. .. .	7	9	6	3	7 3 0
<b>Women.</b>					
Employment of women at illegal times:					
Before or after legal hours ..	130	327	327	..	262 13 5
At night .. .. .	53	157	143	11	157 11 9
Beyond legal hour on half-holiday.	69	167	163	..	112 11 3
At meal times .. .. .	66	341	336	8	307 19 6
At other illegal times .. ..	49	114	101	8	85 7 2
Other offences .. .. .	1	1	..	..	2 8 0
<b>Dangerous Trades, &amp;c.</b>					
Failure to observe or affix Special Rules.	68	69	63	1	63 19 8
Other offences .. .. .	2	2	2	..	1 7 0
<b>Particulars Section.</b>					
Failure to supply sufficient or correct particulars, &c.	14	30	34	..	43 2 6
Truck Acts .. .. .	14	38	20	4	56 8 0
Other offences .. .. .	11	16	8	1	38 4 8
<b>Total for 1899 .. ..</b>	<b>1,954</b>	<b>3,574</b>	<b>3,406</b>	<b>84</b>	<b>3,923 5 3</b>
<b>Total for 1898 .. ..</b>	<b>2,043</b>	<b>3,654</b>	<b>3,601</b>	<b>47</b>	<b>4,837 7 9</b>

\* By Case is meant each item of prosecution. A summons for employing three women beyond legal hours is entered as three "cases" but as one "group of prosecutions."

## PROSECUTIONS UNDER THE MINES AND QUARRIES ACTS.

TABLE 124.—SUMMARY of PROSECUTIONS instituted during 1899, with NUMBER of CONVICTIONS, and TOTAL AMOUNT of FINES and COSTS imposed.

[Compiled from *Mines and Quarries: General Report and Statistics for 1899.—Part II.* Cd.—373 of 1900.]

Nature of Offence.	No. of Prosecutions.	No. of Convictions.	Cases with- drawn or not proven.	Cases dis- missed.	Total Amount of Fines and Costs imposed.
<b>Mines Acts.</b>					
<i>Prosecutions of Owners, Managers, &amp;c., for:—</i>					£ s. d.
Neglecting rules as to registers, returns, notices, plans.	10	10	..	..	21 7 7½
Not providing proper signals or manholes ..	11	9	..	2	42 15 6
Not fencing machinery and entrances to shafts ..	10	7	..	3	19 6 3
Other breaches of general and special rules ..	30	26	2*	2	86 17 6½
Other offences .. .. .	8	6	..	2†	25 2 0
Total for 1899 ..	69	58	2*	9†	185 8 10½
Total for 1898 ..	115	71	20	24	164 8 6
<i>Prosecutions of Workmen for:—</i>					
Contraventions of rules about safety lamps ..	45	44‡	..	1	50 1 5
Contraventions of rules about matches and smoking.	80	80§	..	..	94 4 6
Contraventions of rules about explosives ..	48	47	..	1	54 11 7
Contraventions of rules about timber ..	45	44	..	1	48 18 6
Contraventions of rules about trams or tubs or inclined and engine planes:					
Riding or allowing riding on trams and tubs..	113	112	..	1	86 18 3
Other offences .. .. .	33	33	..	..	31 8 6
Disobeying orders .. .. .	29	26	1	2	25 2 6
Other offences.. .. .	199	185	2*	2	189 3 2
Total for 1899 ..	592	581	3	8	580 8 5
Total for 1898 ..	674	649	1	24	654 0 8
<b>Quarries Act.</b>					
<i>Prosecutions of Owners, Agents, &amp;c., for:—</i>					
Neglecting rules as to returns and notices ..	19	17	..	2	30 12 2
Breaches of special rule about explosives and blasting.	30	27	..	3†	58 14 9
Breaches of special rule about machinery and plant.	10	8	1*	1*	16 1 6
Other breaches of special rules .. .. .	12	10	..	2**	17 3 8
Not posting up abstract of Act or special rules ..	13	13	..	..	20 11 6
Total for 1899 ..	84	75	1*	8	143 3 7
Total for 1898 ..	97	87	4	6	146 13 10
<i>Prosecutions of Workmen for:—</i>					
Breaches of special rules relating to explosives and blasting.	19	17	..	2	11 12 0
Total for 1899 ..	19	17	..	2	11 12 0
Total for 1898 ..	16	16	..	..	7 12 0
<b>Factory and Workshop Acts.††</b>					
<i>Prosecutions of Occupiers for:—</i>					
Neglecting rules as to registers and notices ..	7	6	..	1	4 11 7½
Other offences.. .. .	7	6	..	1	2 15 3
Total for 1899 ..	14	12	..	2	7 6 10½
Total for 1898 ..	55	55	..	..	132 3 2

\* On payment of costs.

† One offender was sentenced to 3 months' imprisonment.

‡ Four offenders were sentenced to 14 days', one to 21 days', and one to 1 month's imprisonment.

§ One offender was sentenced to 3 weeks' imprisonment with hard labour.

|| On payment of costs in two cases.

\*\* On payment of costs in one case.

†† Prosecutions by H.M. Inspectors of Mines under the Factory and Workshop Acts in factories or workshops connected with metalliferous mines and quarries.



## PROSECUTIONS UNDER THE MERCHANT SHIPPING ACTS.

TABLE 125.—SUMMARY of ACTIONS instituted by the BOARD OF TRADE and dealt with in the UNITED KINGDOM under the above Acts during the year ended 31st December 1899.

[Compiled from Returns furnished by the Solicitor's Department of the Board of Trade.]

Nature of Offence.	Number of Prosecutions.	Number of Convictions.	Total Penalties.*	Total Costs.*
<i>By Owners or Masters of Ships:—</i>			£ s. d.	£ s. d.
Allowing centre of disc to be submerged.	9	9	312 11 0	20 16 0
Carrying excessive deck cargoes..	13	13	90 19 0	16 3 0
Not providing lights or life-saving appliances.	4	4	12 6 0	13 14 2
Illegally engaging seamen ...	1	1	2 0 0	1 16 8
Carrying excess passengers without certificate.	2	2	71 6 0	...
Not lettering and numbering vessel and mainsail.	2	2	2 0 0	1 7 0
Offences connected with collision regulations.	4	4	65 0 0	30 7 6
Other offences ... ..	4	4	8 0 0	1 15 0
Total for 1899 ... ..	39	39	564 2 0	85 19 4
" " 1898 ... ..	43	43	490 5 0	45 12 11
<i>By Seamen:—</i>				
Offences in connection with certificate.	4	4	15 0 0	5 9 6
Secreting or misdealing with wreck.	4	4	5 10 0†	1 0 0
Misconduct in endangering ship	1	1	14 5 0	5 15 0
False statement of last ship ...	2	2	1 5 0	4 18 8
Total for 1899 ... ..	11	11	36 0 0	17 3 2
" " 1898 ... ..	3	3	0 10 0	3 9 0
<i>By Boarding - House Keepers and others:—</i>				
Illegal boarding ... ..	4	4	10 10 0	5 6 0
Total for 1899 ... ..	4	4	10 10 0	5 6 0
" " 1898 ... ..	29	29	67 11 0	30 9 10
Grand Total for 1899 ...	54	54	610 12 0	108 8 6
" " 1898 ... ..	75	75	558 6 0	79 11 9

\* In some cases the costs are included in the penalties.

† With the option, in three cases, of 14 days' imprisonment.

GROWTH AND MOVEMENT OF POPULATION.

ESTIMATED POPULATION OF THE UNITED KINGDOM.

TABLE 126.—TOTAL POPULATION of each DIVISION of the UNITED KINGDOM ESTIMATED to the MIDDLE of each YEAR (exclusive of the Army, Navy and Merchant Seamen abroad).

[Based on information supplied by the Registrars-General of England, Scotland and Ireland.]

Years.	England and Wales.	Scotland.	Ireland.	Total for United Kingdom.	Years.
1885	27,220,706	3,856,307	4,938,588	36,015,601	1885
1886	27,522,532	3,885,155	4,905,895	36,313,582	1886
1887	27,827,706	3,914,318	4,857,119	36,599,143	1887
1888	28,136,258	3,943,701	4,801,312	36,881,271	1888
1889	28,448,239	3,973,305	4,757,385	37,178,929	1889
1890	28,763,673	4,003,132	4,717,959	37,484,764	1890
1891	29,081,962	4,033,180	4,681,248	37,796,390	1891
1892	29,401,898	4,063,452	4,638,169	38,103,519	1892
1893	29,725,358	4,093,959	4,615,312	38,434,629	1893
1894	30,052,397	4,124,691	4,600,599	38,777,687	1894
1895	30,383,047	4,155,654	4,574,764	39,113,465	1895
1896	30,717,355	4,186,849	4,560,378	39,464,582	1896
1897	31,055,355	4,218,279	4,551,723	39,825,357	1897
1898	31,397,078	4,249,946	4,543,773	40,190,797	1898
1899	31,742,588	4,281,850	4,531,051	40,555,489	1899
1900	32,091,907	4,313,993	4,504,025	40,909,925	1900

## BIRTHS, DEATHS, AND MARRIAGES.

TABLE 127.—TOTAL NUMBER OF BIRTHS, DEATHS, AND MARRIAGES.

[Based on Returns from the Registrars-General of England, Scotland, and Ireland.]

Years.	England & Wales.	Scotland.	Ireland.	Total.	Years.
BIRTHS.					
1885	894,270	126,100	115,951	1,136,321	1885
1886	903,866	127,890	113,927	1,145,683	1886
1887	886,331	124,418	112,400	1,123,149	1887
1888	879,868	123,269	109,557	1,112,694	1888
1889	885,944	122,783	107,841	1,116,568	1889
1890	869,937	121,526	105,254	1,096,717	1890
1891	914,157	125,986	108,116	1,148,259	1891
1892	897,957	125,043	104,234	1,127,234	1892
1893	914,542	127,110	106,082	1,147,734	1893
1894	890,289	124,367	105,354	1,120,010	1894
1895	921,860	126,494	106,113	1,154,467	1895
1896	915,309	129,172	107,641	1,152,122	1896
1897	921,693	128,877	106,664	1,157,234	1897
1898	923,265	130,879	103,457	1,159,601	1898
1899	928,640	130,656	103,815	1,163,111	1899
DEATHS.					
1885	522,750	74,607	90,712	688,069	1885
1886	537,276	73,640	87,292	698,208	1886
1887	530,758	74,546	88,585	693,889	1887
1888	510,971	71,174	85,868	668,013	1888
1889	518,353	73,238	82,908	674,499	1889
1890	562,248	79,004	85,850	727,102	1890
1891	587,925	83,573	85,999	757,497	1891
1892	559,684	75,545	90,044	725,273	1892
1893	569,958	79,670	82,821	732,449	1893
1894	498,827	71,113	83,528	653,468	1894
1895	568,758	81,832	84,395	735,005	1895
1896	526,727	70,677	75,700	673,104	1896
1897	541,487	79,144	83,839	704,470	1897
1898	552,141	78,406	82,404	712,951	1898
1899	581,824	79,548	79,772	741,144	1899
MARRIAGES.					
1885	197,745	25,304	21,177	244,226	1885
1886	196,071	24,515	20,594	241,180	1886
1887	200,518	24,876	20,945	246,339	1887
1888	203,821	25,305	20,060	249,186	1888
1889	213,865	26,344	21,521	261,730	1889
1890	223,028	27,469	20,990	271,487	1890
1891	226,526	27,969	21,475	275,970	1891
1892	227,135	28,670	21,530	277,335	1892
1893	218,689	27,145	21,714	267,548	1893
1894	226,449	27,604	21,602	275,655	1894
1895	227,865	28,422	23,120	279,407	1895
1896	242,764	30,270	23,055	296,089	1896
1897	249,145	31,050	22,891	303,086	1897
1898	255,379	32,096	22,580	310,055	1898
1899	261,963	32,935	22,192	317,090	1899

**EMIGRATION.—DESTINATION OF EMIGRANTS.****TABLE 128.—NUMBER of PASSENGERS, of BRITISH and IRISH ORIGIN, from the UNITED KINGDOM to COUNTRIES out of EUROPE.***[Compiled from Annual Report of Board of Trade on Emigration and Immigration.—Parliamentary Paper No. 163 of 1900.]*

Years.	To United States.	To British North America.	To Australia and New Zealand.	To South Africa.	To Other Places.	Total.
1885	137,687	19,838	39,895	3,268	7,456	207,644
1886	152,710	24,745	43,076	3,897	8,472	232,900
1887	201,526	32,025	34,183	4,909	8,844	281,487
1888	195,986	34,853	31,127	6,466	11,496	279,928
1889	168,771	28,269	28,294	13,884	14,577	253,795
1890	152,413	22,520	21,179	10,321	11,683	218,116
1891	156,395	21,578	19,547	9,090	11,897	218,507
1892	150,039	23,254	15,950	9,891	10,908	210,042
1893	148,949	24,732	11,203	13,097	10,833	208,814
1894	104,001	17,459	10,917	13,177	10,476	156,030
1895	126,502	16,622	10,567	20,234	11,256	185,181
1896	98,921	15,267	10,354	24,594	12,789	161,925
1897	85,324	15,571	12,061	21,109	12,395	146,460
1898	80,494	17,640	10,693	19,756	12,061	140,644
1899	92,482	16,410	11,467	14,432	11,571	146,362

## EMIGRATION.—NATIONALITY OF EMIGRANTS.

TABLE 129.—NUMBER OF ENGLISH, SCOTTISH, IRISH, and FOREIGN EMIGRANTS that left the UNITED KINGDOM for COUNTRIES out of EUROPE.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

Years.	English.	Scottish.	Irish.	Total of British and Irish.	Foreigners.	Nationality not dis- tinguished.	Total.
1885	126,280	21,367	60,017	207,644	53,783	2,968	264,385
1886	146,301	25,323	61,276	232,900	94,870	3,531	330,801
1887	168,221	34,365	78,901	281,487	108,572	6,435	396,494
1888	170,822	35,873	73,233	279,928	113,230	5,536	398,494
1889	163,513	25,354	64,923	253,790	83,466	5,580	342,841
1890	189,979	20,663	57,484	218,116	94,515	3,349	315,980
1891	137,881	22,190	58,436	218,507	112,275	3,761	334,543
1892	133,815	23,325	52,902	210,042	107,851	4,004	321,397
1893	134,045	22,637	52,132	208,814	96,123	3,696	307,633
1894	99,580	14,432	42,008	156,020	67,032	3,765	226,827
1895	112,538	18,291	54,349	185,181	82,818	3,773	271,772
1896	103,837	16,866	42,222	161,925	76,015	4,012	241,952
1897	94,658	16,124	35,678	146,460	63,932	3,888	213,280
1898	90,079	15,570	34,395	140,044	60,551	3,976	206,571
1899	87,400	16,072	42,880	146,352	90,020	4,314	240,686

**IMMIGRANTS FROM COUNTRIES OUT OF EUROPE.****TABLE 130.—NUMBER of IMMIGRANTS that entered the UNITED KINGDOM from COUNTRIES out of EUROPE.***[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]*

Years.	British and Irish.	Foreigners.	Nationality not distinguished.	Total.
1885	85,468	27,006	1,075	113,549
1886	80,018	28,474	387	108,879
1887	85,475	32,008	1,580	119,013
1888	94,133	33,895	851	128,879
1889	103,070	43,122	1,206	147,398
1890	109,470	44,663	1,777	155,910
1891	103,087	47,197	1,135	151,369
1892	97,780	44,673	1,294	143,747
1893	102,119	37,634	1,301	141,054
1894	118,309	66,129	1,361	185,799
1895	109,418	64,803	1,453	175,674
1896	101,742	56,509	1,662	159,913
1897	95,221	57,994	1,899	155,114
1898	91,248	46,362	1,736	139,346
1899	100,246	59,576	2,289	162,111

**BALANCE OF BRITISH AND IRISH PASSENGER MOVEMENT.****TABLE 131.—BALANCE of EMIGRATION from the UNITED KINGDOM to Places out of EUROPE, of PERSONS of BRITISH and IRISH Origin only, deducting RECORDED IMMIGRATION from RECORDED EMIGRATION of such PERSONS.***[Compiled from Annual Report of Board of Trade on Emigration and Immigration.—Parliamentary Paper No. 163 of 1900.]*

Years.	Emigration:	Immigration.	Net Emigration.	
			Numbers.	Proportion per Cent. of Total Population of United Kingdom.
1885	207,644	85,468	122,176	0·34
1886	232,900	80,018	152,882	0·42
1887	281,487	85,475	196,012	0·54
1888	279,928	94,133	185,795	0·50
1889	253,795	103,070	150,725	0·41
1890	218,116	109,470	108,646	0·29
1891	218,507	103,037	115,470	0·31
1892	210,042	97,780	112,262	0·29
1893	208,814	102,119	106,695	0·28
1894	156,030	118,309	37,721	0·10
1895	185,181	109,418	75,763	0·19
1896	161,925	101,742	60,183	0·15
1897	146,460	95,221	51,239	0·13
1898	140,644	91,248	49,396	0·12
1899	146,362	100,246	46,116	0·11

## ALIEN IMMIGRANTS FROM EUROPE.

TABLE 132.—NUMBER of ALIENS who arrived at PORTS of the UNITED KINGDOM, from CONTINENTAL PORTS, as shown in the ALIEN LISTS obtained under Act 6 Will. 4. c. 11, deducting ALIENS known to be *en route* to Places out of EUROPE, and also deducting SEAMEN.

[Compiled from Annual Reports of Board of Trade on Emigration and Immigration.]

Nationality.	1894.	1895.	1896.	1897.	1898.	1899.
Russians and Poles ..	7,482	10,204	12,773	14,775	15,348	20,268
Norwegians, Swedes, and Danes .. .. .	4,174	3,700	4,437	4,617	4,775	5,695
Germans .. .. .	6,229	5,665	5,557	5,496	5,888	5,928
Dutch .. .. .	1,138	1,381	1,517	1,468	1,820	2,105
French .. .. .	4,077	3,849	3,948	4,477	4,367	4,861
Austrians and Hungarians	911	865	1,246	1,308	1,941	2,548
Italians .. .. .	2,452	2,738	3,448	4,061	4,224	5,553
Other Nationalities ..	2,319	2,226	2,523	2,651	2,524	3,930
Total.. ..	28,682*	30,528*	35,448*	38,851*	40,783*	50,884*
Seamen .. .. .	9,821	9,894	10,461	10,762	12,299	13,362
Aliens known to be <i>en route</i> to places out of Europe.	35,513	44,637	40,036	32,221	32,177	49,697

\* These are the numbers shown in the alien lists and comprise practically all the aliens from Europe that might settle in the United Kingdom, but it will be understood that they do not all settle here.

## BALANCE OF TOTAL PASSENGER MOVEMENT.

TABLE 133.—TOTAL EXCESS of the NUMBER of PASSENGERS OUTWARDS from the UNITED KINGDOM over the NUMBER of PASSENGERS INWARDS, and also the BALANCES, distinguishing EUROPE from PLACES out of EUROPE.

[Compiled from the Annual Reports of Board of Trade on Emigration and Immigration.]

	TOTAL NUMBER OF PASSENGERS.					
	1894.	1895.	1896.	1897.	1898.	1899.
<b>United Kingdom and Europe.</b>						
From Europe .. .. .	490,330	522,449	518,869	587,000	620,123	666,230
To Europe .. .. .	477,313	408,946	479,913	509,150	590,226	609,570
Excess from Europe .. ..	13,012	28,503	38,956	17,850	29,897	56,660
<b>United Kingdom and Countries out of Europe.</b>						
From United Kingdom ..	236,827	271,772	241,952	213,280	205,171	240,606
To United Kingdom .. ..	185,799	175,674	159,913	155,114	139,346	162,111
Excess from United Kingdom	41,028	96,098	82,039	58,166	65,825	78,495
<b>Grand Total.</b>						
From United Kingdom ..	704,145	765,718	721,865	782,430	795,397	850,266
To United Kingdom .. ..	676,129	608,123	678,782	742,114	759,489	838,341
Excess from United Kingdom	28,016	67,595	43,083	40,316	35,908	21,925
<i>Excess of British and Irish Emigrants over Immigrants, as in Table 131, page 184.</i>	37,721	75,763	60,183	51,239	49,396	46,116

HOUSING OF THE PEOPLE.—CENSUS OF 1891.  
ENGLAND AND WALES.

Classification of all Tenements.\*

TABLE 134.—TOTAL NUMBER and PERCENTAGE of TENEMENTS\* of 1, 2, 3, 4, and 5 or more Rooms respectively, the NUMBER of OCCUPIERS of such TENEMENTS with PERCENTAGE to POPULATION, and the average NUMBER of OCCUPANTS per ROOM in each of the First Four Groups, according to the CENSUS of 1891.

Tenements with	Total Number of Tenements.	Per- centage of all Tene- ments.	Total Number of Occupants.	Percentage of Population in each Group of Tenements.	Average Number of Occupants per Room.
<i>Urban Districts.†</i>					
1 room‡ ... ..	270,252	6·16	604,355	2·89	2·24
2 rooms ... ..	552,516	12·59	1,958,933	9·38	1·77
3 rooms ... ..	552,879	12·60	2,411,589	11·54	1·45
4 rooms ... ..	981,865	22·38	4,684,913	22·42	1·19
5 or more rooms ...	2,030,199	46·27	11,235,714	53·77	...
Total in Urban } Districts ... }	4,387,311	100·00	20,895,504	100·00	...
<i>Rural Districts.†</i>					
1 room‡ ... ..	16,634	0·96	36,055	0·44	2·16
2 rooms ... ..	144,806	8·30	457,684	5·65	1·58
3 rooms ... ..	204,077	11·70	815,875	10·06	1·33
4 rooms ... ..	483,016	27·70	2,129,156	26·26	1·10
5 or more rooms ...	895,097	51·34	4,668,251	57·59	...
Total in Rural } Districts ... }	1,743,690	100·00	9,107,021	100·00	..
<i>Summary for all Districts.</i>					
1 room‡ ... ..	286,946	4·7	640,410	2·2	2·23
2 rooms ... ..	697,322	11·4	2,416,617	8·3	1·73
3 rooms ... ..	756,756	12·3	3,227,464	11·1	1·42
4 rooms ... ..	1,464,681	23·9	6,814,069	23·5	1·16
5 or more rooms ...	2,925,296	47·7	15,903,965	54·9	...
Total in all } Districts ... }	6,131,001	100·0	29,002,525	100·0	...

\* i.e., "any house or part of a house separately occupied by the owner or by a tenant" (General Report on Census, Vol. IV.).  
† All Urban Sanitary Districts or Rural Sanitary Districts respectively.  
‡ Persons returned as living in barns, sheds, caravans, or barges, were classed as occupying tenements of 1 room.



## ENGLAND AND WALES—continued.

## Overcrowded Tenements.\*

TABLE 135.—NUMBER of OVERCROWDED TENEMENTS\* of 1, 2, 3, and 4 Rooms respectively, and the NUMBER of OCCUPIERS of such TENEMENTS, with PERCENTAGE to TOTAL POPULATION, according to the CENSUS of 1891.

Tenements with	Number of Overcrowded Tenements.	Number of Occupiers of such Tenements.	Percentage of Population in each District in such Tenements.
<i>Urban Districts.†—Total Population, 20,895,504.</i>			
1 room‡ ... ..	87,535	337,107	1·61
2 rooms ... ..	151,603	922,964	4·42
3 rooms ... ..	91,206	722,532	3·46
4 rooms ... ..	60,876	589,810	2·82
Total in Urban Districts ...	391,220	2,572,413	12·31
<i>Rural Districts.†—Total Population, 8,107,021.</i>			
1 room‡ ... ..	4,724	20,600	0·25
2 rooms ... ..	32,628	201,092	2·48
3 rooms ... ..	28,825	229,345	2·83
4 rooms ... ..	24,256	234,594	2·90
Total in Rural Districts ...	90,433	685,631	8·46
<i>Summary for all Districts.—Total Population, 29,002,525.</i>			
1 room‡ ... ..	92,259	357,707	1·23
2 rooms ... ..	184,231	1,124,056	3·88
3 rooms ... ..	120,031	951,877	3·28
4 rooms ... ..	85,132	824,404	2·84
Total in all Districts ...	481,653	3,258,044	11·23

\* This table is taken from the General Report on the Census (Vol. IV.), in which "ordinary tenements which have more than two occupants per room, bedrooms and sitting rooms included," are considered to be overcrowded. (For definition of "tenement," see note on previous page.)

† All Urban Sanitary Districts or Rural Sanitary Districts respectively.

‡ Persons returned as living in barns, sheds, caravans, or barges were classed as occupying tenements of 1 room.

## SCOTLAND.

## Classification of Tenements.\*

TABLE 136.—NUMBER and PERCENTAGE of FAMILIES\* occupying TENEMENTS of 1, 2, 3, 4, and 5 or more Rooms respectively, the NUMBER of PERSONS in the FAMILIES, with PERCENTAGE to POPULATION, and the AVERAGE NUMBER of OCCUPANTS per ROOM in the First Four Groups, according to the CENSUS of 1891.

Description of Tenement.	Number of Families.*	Per-centage of Families in each Group.	Number of Persons in the Families.	Per-centage of Persons in each Group.	Average Number of Occupant per Room.
<i>Urban Districts.†</i>					
Rooms without windows ...	8	0·00	15	0·00	1·88
Rooms with windows :—					
1 room ... ..	146,963	25·36	431,003	16·75	2·93
2 rooms ... ..	232,655	40·15	1,089,961	42·37	2·34
3 rooms ... ..	90,226	15·57	465,189	18·08	1·72
4 rooms ... ..	40,475	6·98	205,611	7·99	1·27
5 or more rooms ...	69,187	11·94	380,988	14·81	...
Total in Urban Districts ... }	579,514	100·00	2,572,767	100·00	...
<i>Rural Districts.</i>					
Rooms without windows ...	390	0·13	1,132	0·08	2·90
Rooms with windows :—					
1 room ... ..	46,368	15·83	142,384	10·45	3·07
2 rooms ... ..	109,134	37·27	497,059	36·49	2·28
3 rooms ... ..	53,092	18·13	256,156	18·80	1·61
4 rooms ... ..	25,179	8·60	127,218	9·34	1·26
5 or more rooms ...	58,680	20·04	338,418	24·84	...
Total in Rural Districts ... }	292,843	100·00	1,362,367	100·00	...
<i>All Districts.</i>					
Rooms without windows ...	398	0·0	1,147	0·0	2·88
Rooms with windows :—					
1 room ... ..	193,331	22·2	573,387	14·6	2·97
2 rooms ... ..	341,789	39·2	1,587,020	40·3	2·32
3 rooms ... ..	143,318	16·4	721,345	18·3	1·68
4 rooms ... ..	65,654	7·5	332,829	8·5	1·27
5 or more rooms ...	127,867	14·7	719,406	18·3	...
Total in all Districts	872,357	100·0	3,935,134	100·0	...

NOTE.—The definition of a Room, for the purposes of the Scotch and English Censuses respectively, not being identical, the above table cannot be compared accurately with the corresponding table for England on p. 186. For the same reason no table for overcrowded tenements can be given for Scotland, the definition of such tenements given in a footnote on p. 187 not being applicable to Scotland.

\* For the purposes of this table families consisting of from 1 to 15 persons only are included, as the original figures do not show the exact number of persons in larger families. In the whole of Scotland the number of separate families of more than 15 persons was 1,650, with 78,305 persons, making (with vagrants and persons on board training ships and shipping belonging to the Royal Navy or merchant service which have also been excluded from the Table) a grand total of 876,089 families, with 4,025,647 persons.

† Comprising all towns with a population of 2,000 and upwards.

## IRELAND.

## Classification of Houses.

TABLE 137.—NUMBER of INHABITED HOUSES of each CLASS\* and of the FAMILIES occupying them according to the CENSUS of 1891.

Description of House.	Number of Houses.	Number of Families occupying the Houses.	Average Number of Families to each House.
<i>Civic Districts.</i> †—Total Population, 1,244,113.			
4th class* ... ..	856	861	1·01
3rd „ ... ..	26,137	26,847	1·03
2nd „ ... ..	139,909	166,704	1·19
1st „ ... ..	33,659	57,700	1·71
Total in Civic Districts ...	200,561	252,112	1·26
<i>Rural Districts.</i> —Total Population, 3,460,637.			
4th class* ... ..	19,761	19,868	1·01
3rd „ ... ..	286,452	288,187	1·01
2nd „ ... ..	326,723	332,329	1·02
1st „ ... ..	37,081	39,617	1·07
Total in Rural Districts...	670,017	680,001	1·01
<i>All Districts.</i> —Total Population, 4,704,750.			
4th class* ... ..	20,617	20,729	1·01
3rd „ ... ..	312,589	315,034	1·01
2nd „ ... ..	466,632	499,033	1·07
1st „ ... ..	70,740	97,317	1·38
Total in all Districts ...	870,578	932,113	1·07

\* The following definitions of the four classes into which the houses are divided are taken from the General Report on the Census of Ireland :—

4th Class.—Houses built of mud or perishable material, having only one room and window.

3rd Class.—A better description of house, varying from one to four rooms and windows.

2nd Class.—What might be considered a good farm-house, having from five to nine rooms and windows.

1st Class.—All houses of a better description than the preceding.

† Comprising all municipal boroughs, townships, and towns of 2,000 in habitants and upwards.

## AGES OF THE PEOPLE.—CENSUS OF 1891.

## ENGLAND AND WALES.

TABLE 138.—NUMBER and PERCENTAGE of MALES and FEMALES in various GROUPS of AGES, according to the CENSUS of 1891.

Groups of Ages.	Urban Sanitary Districts.		Rural Sanitary Districts.		All Districts.	
	Number.	Per-centage.	Number.	Per-centage.	Number.	Per-centage.
<b>Males.</b>						
Under 5 years .. ..	1,272,666	12·7	494,896	12·3	1,767,562	12·6
5 and under 10 years..	1,199,986	12·0	493,388	12·2	1,693,372	12·0
10 " 15 " ..	1,131,487	11·3	479,391	11·9	1,610,858	11·5
15 " 20 " ..	1,041,953	10·4	423,222	10·5	1,465,175	10·4
20 " 30 " ..	1,754,887	17·5	603,619	15·0	2,358,486	16·8
30 " 40 " ..	1,368,917	13·7	474,484	11·7	1,843,401	13·2
40 " 50 " ..	1,003,546	10·0	384,210	9·5	1,387,756	9·9
50 " 60 " ..	659,085	6·6	303,754	7·5	962,839	6·8
60 " 70 " ..	388,624	3·9	227,915	5·6	616,539	4·4
70 years and upwards	193,433	1·9	153,480	3·8	346,913	2·4
<b>Total Males</b> ..	<b>10,014,544</b>	<b>100·0</b>	<b>4,083,387</b>	<b>100·0</b>	<b>14,097,931</b>	<b>100·0</b>
<b>Females.</b>						
Under 5 years .. ..	1,287,540	11·8	496,388	12·2	1,783,928	11·9
5 and under 10 years..	1,210,157	11·1	491,649	12·1	1,701,806	11·4
10 " 15 " ..	1,154,612	10·6	458,097	11·3	1,612,709	10·8
15 " 20 " ..	1,119,245	10·3	366,445	9·0	1,485,690	9·9
20 " 30 " ..	2,013,949	18·5	624,236	15·3	2,638,185	17·7
30 " 40 " ..	1,473,450	13·6	492,408	12·1	1,965,858	13·1
40 " 50 " ..	1,091,433	10·0	404,669	9·9	1,496,102	10·0
50 " 60 " ..	759,289	7·0	322,048	7·9	1,081,317	7·3
60 " 70 " ..	488,022	4·5	240,266	6·0	728,288	4·9
70 years and upwards	283,283	2·6	170,458	4·2	453,741	3·0
<b>Total Females</b> ..	<b>10,880,960</b>	<b>100·0</b>	<b>4,068,664</b>	<b>100·0</b>	<b>14,949,624</b>	<b>100·0</b>
<b>Males and Females.</b>						
Under 5 years .. ..	2,560,206	12·3	993,284	12·3	3,553,490	12·3
5 and under 10 years..	2,410,143	11·5	985,035	12·1	3,395,178	11·7
10 " 15 " ..	2,286,079	10·9	937,488	11·6	3,223,567	11·1
15 " 20 " ..	2,161,198	10·3	789,667	9·7	2,950,865	10·2
20 " 30 " ..	3,768,816	18·0	1,227,855	15·1	4,996,671	17·2
30 " 40 " ..	2,842,367	13·7	966,892	11·9	3,809,259	13·1
40 " 50 " ..	2,094,979	10·0	783,879	9·8	2,878,858	9·9
50 " 60 " ..	1,418,354	6·8	625,802	7·7	2,044,156	7·1
60 " 70 " ..	876,646	4·2	468,181	5·8	1,344,827	4·7
70 years and upwards	476,716	2·3	323,938	4·0	800,654	2·7
<b>Grand Total</b> ..	<b>20,895,504</b>	<b>100·0</b>	<b>8,107,021</b>	<b>100·0</b>	<b>29,002,525</b>	<b>100·0</b>

NOTE.—The classification according to "Age" of the total number of persons living in urban and rural districts respectively is not shown in the census volumes for Scotland and Ireland.

# OCCUPATIONS OF THE PEOPLE.—CENSUS OF 1891.

## (A).—SUMMARY OF CLASSES OF OCCUPATIONS.

TABLE 139.—TOTAL NUMBER of MALES and FEMALES, and the PROPORTION per 1,000 OF ALL AGES, engaged in the following CLASSES of OCCUPATIONS in each DIVISION of the UNITED KINGDOM,\* according to the CENSUS of 1891.

Class.	ENGLAND AND WALES.		SCOTLAND.		IRELAND.		UNITED KINGDOM.*	
	Total Number.	Per 1,000.	Total Number.	Per 1,000.	Total Number.	Per 1,000.	Total Number.	Per 1,000.
<b>Males.</b>								
<b>Occupied :</b>								
Professional† .. ..	530,900	37	59,053	30	86,118	37	666,071	36
Domestic .. ..	140,773	10	13,102	7	17,588	8	171,463	9
Commercial .. ..	1,364,377	97	170,676	88	93,284	40	1,628,337	89
Agricultural and fishing‡	1,294,919	92	219,042	113	849,527	366	2,353,468	129
Industrial .. ..	5,495,446	391	742,036	382	404,899	175	6,642,381	363
<b>Unoccupied §</b> .. ..	5,246,486	373	738,808	380	867,537	374	6,852,831	374
<b>GRAND TOTAL OF MALES</b> .. ..	14,062,901	1,000	1,942,717	1,000	2,318,953	1,000	18,314,571	1,000
<b>Females.</b>								
<b>Occupied :</b>								
Professional† .. ..	357,743	17	23,051	11	25,947	11	306,741	16
Domestic .. ..	1,759,555	118	190,051	91	220,627	92	2,170,233	112
Commercial .. ..	35,358	2	10,276	5	2,163	1	47,796	2
Agricultural and fishing‡	52,026	4	30,062	15	91,094	38	173,202	9
Industrial .. ..	1,840,896	123	290,368	139	352,255	106	2,383,521	123
<b>Unoccupied §</b> .. ..	11,004,044	736	1,539,102	739	1,793,712	752	14,336,858	738
<b>GRAND TOTAL OF FEMALES</b> .. ..	14,949,624	1,000	2,062,930	1,000	2,365,797	1,000	19,418,351	1,000

\* Excluding the Channel Islands and the Isle of Man.

† Including immediate subordinates, but excluding students.

‡ Including those dealing in or with animals.

§ Including children of no stated occupation and students in all three countries; and in England and Wales, pensioners, persons living on their own means, and persons retired from business (except those retired from the church and medical profession, who are classed according to the occupation they previously followed); in Scotland, pensioners, persons living on their own means, and persons retired from business (except those retired from the various professions); in Ireland, pensioners, persons living on their own means, and persons retired from business. In all cases persons retired from the army or navy are included with the effective members, and appear under the "Professional" class.

(B.)—SUMMARY OF GROUPS

TABLE 140.—NUMBER of MALES and FEMALES, of all ages, engaged in the on 6th April,  
[Compiled from the Census

GROUPS OF OCCUPATIONS (being the 23 "Orders" given in the Census).	ENGLAND AND WALES.			SCOTLAND.		
	Males.	Females.	Total.	Males.	Females.	Total.
Civil service or local govern- ment.	129,280	15,040	144,300	16,857	1,828	18,485
Defence of the country at home.	126,473	..	126,473	7,588	..	7,588
Professional occupations† ..	265,167	242,703	507,870	34,806	21,223	56,031
Domestic offices or services..	140,773	1,759,555	1,900,328	13,102	190,051	203,153
Commercial occupations ..	395,535	20,830	416,365	53,594	4,995	58,589
The conveyance of men, goods, and messages.	968,842	14,528	983,370	117,063	5,281	122,363
Agriculture‡ .. .. .	1,260,024	51,696	1,311,730	190,769	39,216	219,985
Fishing .. .. .	24,895	330	25,225	23,273	866	24,139
Working and dealing in :—						
Books, prints, and maps ..	121,572	23,735	145,307	14,659	5,658	20,317
Machines and implements	323,327	18,904	342,231	50,388	1,038	51,426
Houses, furniture, and decorations	798,962	21,600	820,562	97,753	3,605	101,358
Carriages and harness ..	104,633	4,147	108,780	6,929	92	7,021
Ships and boats .. ..	70,291	226	70,517	23,433	85	23,518
Chemicals and compounds	48,547	7,500	56,047	6,820	1,006	7,826
Tobacco and pipes .. ..	14,574	16,567	31,141	1,629	2,150	3,779
Food and lodging .. ..	599,137	198,853	797,990	78,005	30,656	108,661
Textile fabrics .. ..	500,588	628,001	1,128,589	73,333	133,217	206,550
Dress .. .. .	408,392	691,441	1,099,833	46,415	76,649	123,064
Skins, hair, bone, and other animal substances.	58,388	18,178	76,566	5,512	1,183	6,695
Wood, paper, oil, and other vegetable substances.	144,143	52,746	196,889	26,433	10,452	36,885
Mineral substances .. ..	1,430,878	72,347	1,503,225	211,250	4,860	216,110
General or unspecified commodities.	853,722	84,598	940,320	96,043	19,205	117,248
Refuse matters .. ..	16,272	2,056	18,328	1,434	512	1,946
Total Occupied persons of all Ages.	8,806,415	3,945,580	12,751,995	1,203,909	543,828	1,747,737
Percentage of total .. ..	62·7	26·4	44·0	62·0	26·1	43·4
Total Unoccupied persons of all Ages.§	5,246,486	11,004,044	16,260,530	738,808	1,539,102	2,277,910
Percentage of total .. ..	37·3	73·6	56·0	38·0	73·9	56·0
Grand Total, Population* ..	14,052,901	14,949,624	29,002,525	1,942,717	2,082,930	4,025,647

\* Excluding the Channel Islands and the Isle of Man.  
† Including immediate subordinates, but excluding students.  
‡ Including those dealing in or with animals.

## OF OCCUPATIONS.

under-mentioned GROUPS of OCCUPATIONS, at the Date of the Census, 1891.

*Reports for 1891.]*

IRELAND.			UNITED KINGDOM.*			GROUPS OF OCCUPATIONS (being the 23 "Orders" given in the Census).
Males.	Females.	Total.	Males.	Females.	Total.	
27,072	2,539	29,611	172,969	19,407	192,396	Civil service or local gov- ernment.
31,293	..	31,293	165,354	..	165,354	Defence of the country at home.
27,753	23,408	51,161	327,728	287,334	615,062	Professional occupations.†
17,588	220,637	238,215	171,463	2,170,333	2,341,696	Domestic offices or services.
27,580	1,809	29,189	476,709	27,434	504,143	Commercial occupations.
65,704	553	66,257	1,151,628	20,362	1,171,990	The conveyance of men, goods, and messages.
638,326	91,017	929,343	2,289,119	171,929	2,461,048	Agriculture.‡
11,201	77	11,278	64,369	1,273	65,642	Fishing.
						Working and dealing in:--
6,146	1,576	7,722	142,377	30,969	173,346	Books, prints, and maps.
8,142	117	8,259	381,867	20,059	401,916	Machines and implements.
50,865	897	51,762	947,600	26,102	973,702	Houses, furniture, and decorations.
5,743	37	5,780	117,305	4,276	121,581	Carriages and harness.
4,282	2	4,284	98,008	313	98,319	Ships and boats.
1,659	128	1,787	57,026	8,634	65,660	Chemicals and compounds.
900	606	1,506	17,103	19,323	36,426	Tobacco and pipes.
52,218	18,234	70,502	729,360	247,792	977,152	Food and lodging.
46,369	83,515	129,884	620,290	844,733	1,465,023	Textile fabrics.
37,895	115,734	153,429	492,502	883,824	1,376,326	Dress.
3,083	645	2,728	65,983	20,006	85,989	Skins, hair, bone, and other animal substances.
9,340	2,319	11,659	179,916	65,517	245,433	Wood, paper, oil and other vegetable substances.
40,671	749	41,420	1,682,799	77,956	1,760,755	Mineral substances.
137,836	27,496	165,332	1,091,601	131,299	1,222,900	General or unspecified commodities.
950	150	1,100	18,656	2,718	21,374	Refuse matters.
1,451,416	592,085	2,043,501	11,451,740	5,081,493	16,543,233	Total Occupied persons all Ages.
62'6	24'8	43'4	62'6	25'2	43'8	Percentage of total.
667,537	1,793,712	2,661,249	6,852,831	14,336,858	21,189,689	Total Unoccupied persons of all Ages.§
37'4	75'2	56'6	37'4	73'8	56'2	Percentage of total.
2,318,953	2,385,797	4,704,750	18,314,571	19,418,351	37,732,922	Grand Total, Population.*

\* Including children of no stated occupation and students in all three countries; and in England and Wales, pensioners, persons living on their own means, and persons retired from business (except those retired from the church and medical profession who are classed according to the occupation they previously followed); in Scotland, pensioners, persons living on their own means, and persons retired from business (except those retired from the various professions); in Ireland, pensioners, persons living on their own means, and persons retired from business. In all cases persons retired from the army or navy are included with the effective members, and appear under "the defence of the country."

(C.)—PROPORTION OF PERSONS EMPLOYED IN CERTAIN  
(i.) MEN

TABLE 141.—INCREASE or DECREASE in the NUMBERS employed in the under-  
10 Years of Age at the CENSUS of 1891,  
[Compiled from the Census

OCCUPATIONS.	ENGLAND AND WALES. Per 10,000 males of and above 10 years.				SCOTLAND. Per 10,000 males of	
	1891.	1881.	Increase.	Decrease.	1891.	1881.
Occupations employing upwards of 50 per 10,000 males of and above 10 years of age in each country in 1891 or 1881:—						
Farmer, grazier .. .. .	191	218	..	27*	329	366
Farmer's, grazier's—son, grandson, brother, nephew.	64	81	..	17*	118	123
Agricultural labourer, farm servant.	694	867	..	173*	590	699
Shepherd .. .. .	..	..	..	..	70	78
Gardener, nurseryman, seedsman	165	156	9	..	111	114
Fisherman .. .. .	..	..	..	..	195	219
Housebuilding trades (Ord. XI. 1)	641	714	..	73	601	700
Cabinet-maker, upholsterer, furniture dealer, French polisher.	74	70	4	..	60	56
Coal miner .. .. .	485	407	78	..	510	406
Ironstone miner .. .. .	..	..	..	..	20	80
Stone-quarrier, cutter, dresser ..	..	..	..	..	64	49
Machine makers (Ord. X. 1) ..	197	173	24	..	300	248
Shipwright; ship, barge, &c. builder. Ship-rigger, fitter; mast, yard, oar, block, maker; and ship chandler.	63	54	9	..	155	134
Blacksmith, whitesmith; nail, anchor, chain, and other iron and steel manufactures.	330	357	..	27	443	482
Cotton, cotton goods, manufacture	201	199	2	..	..	..
Woollen cloth, worsted, stuff, manufacture.	96	100	..	4	94	104
Flax and linen manufacture ..	..	..	..	..	48†	67†
Jute manufacture .. .. .	..	..	..	..	54	28
Shoe, boot, patten, clog, maker ..	191‡	202‡	..	11	129‡	170‡
Tailor .. .. .	113	116	..	3	150	157
Printer .. .. .	77	63	14	..	61	53
Earthenware and glass (Ord. XXI. 4)... .. .	60	57	3	..	..	..
On railways (Ord. VI. 1) .. ..	176	149	27	..	181	141
Coachman, cabman, groom, horse-breaker.	166	155	11	..	91	87

NOTE.—A blank in the columns headed 1891 and 1881 does not imply that there were no males following the occupation against which it appears: but merely that the number following such occupation was not 50 per 10,000 of the whole number of males of and above 10 years of age.  
\* An actual decrease as well as a relative one.  
† An actual increase as well as a relative one.  
‡ The majority of the general labourers in Ireland may be assumed to be agricultural labourers, though not returned as such. (See Census of Ireland, 1891, Part II., p. 116.)



## OCCUPATIONS OF MEN AND BOYS.—CENSUS, 1881 AND 1891. 195

OCCUPATIONS IN 1891 AND 1881 COMPARED.  
AND BOYS.

mentioned OCCUPATIONS per 10,000 of the MALE POPULATION of and above as compared with the CENSUS of 1881.

*Reports for 1881 and 1891.]*

SCOTLAND. and above 10 years.		IRELAND. Per 10,000 males of and above 10 years.				OCCUPATIONS.
Increase.	Decrease.	1881.	1891.	Increase.	Decrease.	
..	37°	1,913	1,985	..	72	Occupations employing upwards of 50 per 10,000 males of and above 10 years of age in each country in 1881 or 1891:—
..	5°	1,188	984	184†	..	Farmer, grazier.
..	100°	1,382‡	1,522‡	..	140	Farmer's, grazier's—son, grandson, brother, nephew.
..	8°	..	..	..	..	Agricultural labourer, farm servant.
..	3	..	..	..	..	Shepherd.
..	24°	61	56	5†	..	Gardener, nurseryman, seedsman.
..	168°	260	256	4	..	Fisherman.
4	..	..	..	..	..	§Housebuilding trades (Ord. XI. 1).
104	..	..	..	..	..	Cabinet-maker, upholsterer, furniture dealer, French polisher.
..	60°	..	..	..	..	Coal miner.
15	..	..	..	..	..	Ironstone miner.
52	..	..	..	..	..	Stone-quarrier, cutter, dresser.
21	..	..	..	..	..	§Machine makers (Ord. X. 1).
..	39	104	102	2	..	Shipwright; ship, barge, &c. builder. Ship-rigger, fitter; mast, yard, oar, block, maker; and ship chandler.
..	..	..	..	..	..	Blacksmith, whitesmith; nail, anchor, chain, and other iron and steel manufactures.
..	10°	..	..	..	..	Cotton, cotton goods, manufacture.
..	19	166°	151°	15†	..	Woollen cloth, worsted, stuff, manufacture.
26	..	..	..	..	..	Flax and linen manufacture.
..	41	112	131	..	19	Jute manufacture.
..	7	82	81	1	..	Shoe, boot, patten, clog, maker.
8	..	..	..	..	..	Tailor.
..	..	..	..	..	..	Printer.
40	..	52	43	9†	..	§Earthenware and glass (Ord. XXI. 4).
4	..	93	85	28†	..	§On railways (Ord. VI. 1).
						Coachman, cabman, groom, horse-breaker

§ For the purposes of the Census, all occupations are grouped into Sub-orders, and these again into Orders, of which there are 23. In the above table, when the whole of the occupations forming a Sub-order have been grouped together, the number of the Order, and the title and number of the Sub-order are given.

† The dealers in the articles are included in the figures for 1881, but not in those for 1891.

° Dealers included in both years.

(C.) PROPORTION OF PERSONS EMPLOYED IN CERTAIN  
(i.) MEN AND

TABLE 141.—INCREASE or DECREASE in the NUMBERS employed in the under-  
10 Years of Age at the CENSUS of 1891, as

OCCUPATIONS.	ENGLAND AND WALES. Per 10,000 males of and above 10 years.				SCOTLAND. Per 10,000 males of	
	1891.	1881.	Increase.	Decrease.	1891.	1881.
Occupations employing upwards of 50 per 10,000 males of and above 10 years of age in each country in 1891 or 1881—continued.						
Carman, carrier, haulier, carter, waggoner (not farm).	160	134	26	..	183	165
Merchant service; seaman, pilot; boatman on seas, &c.	101	114	..	13	124	128
Dock labourer, wharf labourer, harbour, dock, wharf, lighthouse, officials and servants.	60	46	14	..	55	40
Engine driver, stoker, fireman (not railway, marine, or agricultural).	77	71	6	..	86	78
Messenger, porter, watchman (not railway or Government).	166	139	27	..	117	109
Platelayer, railway labourer, navvy.	69	63	6	..	68	54
General labourer .. .. .	561	508	..	37	449	509
Innkeeper, hotel keeper, publican	52	62	..	10*	..	..
Butcher, meat salesman .. ..	88	84	4	..	65	54
Baker .. .. .	70	68	2	..	107	107
Grocer; tea, coffee, chocolate maker, dealer.	128	111	17	..	143	140
General shopkeeper, dealer ..	..	..	..	..	..	..
Draper, linen draper; mercer ..	57	58	..	1	78	71
Domestic—indoor servant .. ..	55	60	..	5	..	..
Soldier and non-commissioned officer.	74	61	13	..	..	..
Police .. .. .	..	..	..	..	..	..
Commercial clerk .. .. .	217	188	29	..	225	192
Schoolmaster, teacher, professor, lecturer.	..	..	..	..	49	53
Total for above occupations .. ..	5,919	5,995	..	76	6,123	6,328
In occupations employing under 50 per 10,000 males of and above 10 years of age in each country in 1891 and 1881 .. .. .	2,395	2,339	66	..	2,202	1,974
Total occupied per 10,000 males of and above 10 years of age† ..	8,314	8,324	..	10	8,325	8,302
Total male population of and above 10 years of age.	10,591,967	9,313,665	1,278,301	..	1,446,209	1,313,267

NOTE.—A blank in the columns headed 1891 and 1881 does not imply that there were no males following the occupation against which it appears; but merely that the number following such occupation was not 50 per 10,000 of the whole number of males of and above 10 years of age.  
\* An actual decrease as well as a relative one.  
† An actual increase as well as a relative one.

## OCCUPATIONS OF MEN AND BOYS.—CENSUS, 1881 AND 1891. 197

OCCUPATIONS IN 1891 AND 1881 COMPARED—*continued.*BOYS—(*continued from last two pages.*)

mentioned OCCUPATIONS per 10,000 of the MALE POPULATION of and above compared with the CENSUS of 1881—*continued.*

SCOTLAND. and above 10 years.		IRELAND. Per 10,000 males of and above 10 years.				OCCUPATIONS.
Increase.	Decrease.	1881.	1891.	Increase.	Decrease.	
18	..	40	53	..	13	Occupations employing upwards of 50 per 10,000 males of and above 10 years of age in each country in 1891 or 1881— <i>continued.</i> Carman, carrier, haulier, carter, waggoner (not farm).
..	2	61	66	..	5	Merchant service; seaman, pilot; boatman on seas, &c.
15	..	..	..	..	..	Dock labourer, wharf labourer, harbour, dock, wharf, light-house, officials and servants.
8	..	..	..	..	..	Engine driver, stoker, fireman (not railway, marine, or agricultural).
8	..	64	40	24†	..	Messenger, porter, watchman (not railway or Government).
14	..	..	..	..	..	Platelayer, railway labourer, navy.
..	60*	626‡	690‡	..	70	General labourer.
..	..	..	..	..	..	Innkeeper, hotel keeper, publican.
11	..	..	..	..	..	Butcher, meat salesman.
..	..	..	..	..	..	Baker.
3	..	72	61	11†	..	Grocer; tea, coffee, chocolate-maker, dealer.
..	..	68	66	2	..	General shopkeeper, dealer.
7	..	..	..	..	..	Draper, linen draper; mercer.
..	..	72	93	..	21	Domestic—indoor servant.
..	..	142	137	5†	..	Soldier and non-commissioned officer.
..	..	77	87	..	10	Police.
33	..	86	59	27†	..	Commercial clerk.
..	4	..	..	..	..	Schoolmaster, teacher, professor, lecturer.
..	205	6,701	6,734	..	33	Total for above occupations.
228	..	1,267	1,169	98†	..	{ In occupations employing under 50 per 10,000 males of and above 10 years of age in each country in 1891 and 1881.
23	..	7,968	7,903	65	..	
122,942	..	1,821,644	1,926,553	..	104,909	{ Total male population of and above 10 years of age.

† The majority of the general labourers in Ireland may be assumed to be agricultural labourers although not returned as such. (*See Census of Ireland, 1891, Part II., p. 116.*)

‡ Excluding students at all ages and in other respects bringing the Census returns of 1881 and 1891 into line with each other as far as possible.

198 OCCUPATIONS OF WOMEN AND GIRLS.—CENSUS, 1881 AND 1891.

(C.)—PROPORTION OF PERSONS EMPLOYED IN CERTAIN  
(ii.) WOMEN

TABLE 141.—INCREASE OR DECREASE in the NUMBERS employed in the under-  
10 Years of Age at the CENSUS of 1891  
[Compiled from the Census

OCCUPATIONS.	ENGLAND AND WALES. Per 10,000 females of and above 10 years.				SCOTLAND. Per 10,000 females of	
	1891.	1881.	Increase.	Decrease.	1891.	1881.
Occupations employing upwards of 1 per cent. of occupied females in each country in 1891 or 1881:—						
Domestic—indoor servant ..	1,209	1,231	..	22	1,081	909
Milliner, dressmaker, stay-maker.	363	368	5	..	361	298
Cotton, cotton goods, manu- facture.	290	303	..	13	82	175
Cotton, calico printer, dyer, bleacher.	..	..	..	..	30	42
Flax and linen manufacture ..	..	..	..	..	120†	136†
Thread manufacture .. ..	..	..	..	..	41	32
Woollen cloth, worsted, stuff, manufacture.	115	123	..	8	115	111
Silk, satin, velvet, ribbon, manufacture.	28	41	..	13*	..	..
Jute manufacture .. .. .	..	..	..	..	135	85
Fancy goods .. .. .	..	..	..	..	..	..
Knitter (woollen articles) ..	..	..	..	..	39	30
Weaver, factory hand (textile), undefined.	..	..	..	..	145	191
Washing and bathing service ..	162	177	..	15	83	88
Nun .. .. .	..	..	..	..	..	..
Schoolmistress, teacher, pro- fessor, lecturer.	126	123	3	..	81	71
General shopkeeper, dealer ..	..	..	..	..	49	48
Charwoman .. .. .	92	92	..	..	36	17
Tailor .. .. .	78	63	25	..	35	22
Sick nurse, midwife, invalid attendant and subordinate medical service.	47	38†	9	..	..	..
Shirtmaker, seamstress .. ..	46	82	..	36*	43	68
Shoe, boot, patten, clog, maker	40†	38†	4	..	..	..
Draper, linen draper; mercer ..	40	29	11	..	..	..
Grocer; tea, coffee, chocolate, maker, dealer.	40	26	14	..	38	41
Lodging, boarding house keeper	39	33	6	..	23	35
Inn, hotel servant .. .. .	39	26	13	..	..	..
Farmer, grazier .. .. .	..	..	..	..	43	48
Agricultural labourer, farm servant.	21	40	..	19*	138	302
General labourer .. .. .	..	..	..	..	..	..
Total for above occupations ..	2,775	2,811	..	36	2,858	2,744
In occupations employing under 1 per cent. of occupied females in each country in 1891 and 1881.)	667	594	73	..	742	599
Total occupied per 10,000 females of and above ten years of age††	3,442	3,405	37	..	3,400	3,313
Total female population of and above 10 years of age ..	11,461,890	9,992,513	1,469,377	..	1,599,453	1,461,691

NOTE.—A blank in the columns headed 1891 and 1881 does not imply that there were no females following the occupation against which it appears; but merely that the number following such occupation was not 1 per cent. of the whole number of occupied females.  
\* An actual decrease as well as a relative one.  
† An actual increase as well as a relative one.  
‡ Dealers included in both years.

## OCCUPATIONS OF WOMEN AND GIRLS.—CENSUS, 1881 AND 1891. 199

OCCUPATIONS IN 1891 AND 1881 COMPARED—*continued.*

## AND GIRLS.

mentioned OCCUPATIONS per 10,000 of the FEMALE POPULATION of and above as compared with the CENSUS of 1881.

*Reports for 1881 and 1891.]*

SCOTLAND. and above 10 years.		IRELAND. Per 10,000 females of and above 10 years.				OCCUPATIONS.
Increase.	Decrease.	1891.	1881.	Increase.	Decrease.	
122	..	1,089	1,133	..	94	Occupations employing upwards of 1 per cent. of occupied females in each country in 1891 and 1881.
53	..	246	209	37†	..	Domestic—indoor servant.
..	93*	..	..	..	..	Milliner, dressmaker, stay-maker.
..	12*	..	..	..	..	Cotton, cotton goods, manufacture.
..	16*	307‡	244‡	63†	..	Cotton, calico printer, dyer, bleacher.
9	..	..	..	..	..	Flax and linen manufacture.
4	..	..	..	..	..	Thread manufacture.
..	..	..	..	..	..	Woollen cloth, worsted, stuff manufacture.
50	..	..	..	..	..	Silk, satin, velvet, ribbon, manufacture.
..	..	20	31	..	11	Jute manufacture.
9	..	..	..	..	..	Fancy goods.
..	46*	16	50	..	34	Knitter (woollen articles).
..	..	64	63	1	..	Weaver, factory hand (textile), undefined.
..	..	35	26	9†	..	Washing and bathing service.
10	..	68	62	6†	..	Nun.
1	..	82	75	7†	..	Schoolmistress, teacher, professor, lecturer.
19	..	..	..	..	..	General shopkeeper, dealer.
13	..	..	..	..	..	Charwoman.
..	..	..	..	..	..	Tailor.
..	26*	335	345	..	10	Sick nurse, midwife, invalid attendant, and subordinate medical service.
..	..	..	..	..	..	Shirtmaker, seamstress.
..	..	..	..	..	..	Shoe, boot, patten, clog, maker.
..	3	..	..	..	..	Draper, linen draper; mercer.
..	12*	..	..	..	..	Grocer; tea, coffee, chocolate, maker, dealer.
..	..	..	..	..	..	Lodging, boarding house keeper.
..	5*	360	291	69†	..	Inn, hotel servant.
..	164*	115**	175**	..	60	Farmer, grazier.
..	..	26**	47**	..	21	Agricultural labourer, farm servant.
..	86	2,713	2,751	..	38	General labourer.
173	..	397	350	47†	..	Total for above occupations.
87	..	3,110	3,101	9	..	In occupations employing under 1 per cent. of occupied females in each country in 1891 and 1881.
137,762	..	1,903,951	2,050,663	..	146,702	Total occupied per 10 000 females of and above 10 years of age.††
						Total female population of and above 10 years of age.

† Excluding 64 females, who were described as "medical students, assistants."

‡ The dealers in the articles are included in the figures for 1881, but not in those for 1891.

\*\* The majority of the general labourers in Ireland may be assumed to be agricultural labourers, although not returned as such. (See Census of Ireland, 1891, Part II., p. 118.)

†† Excluding students at all ages, and in other respects bringing the Census returns of 1881 and 1891 into line with each other as far as possible.

## (D.)—OCCUPATIONS OF CHILDREN

TABLE 142.—NUMBER of BOYS and GIRLS under 15 Years of Age engaged in the under-

[Compiled from the Census]

GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).	ENGLAND AND WALES.			SCOTLAND.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.
<b>Textile trades:—</b>						
Cotton .. .. .	39,958	52,451	92,407	799	2,303	3,102
Wool and worsted ..	16,681	19,567	36,248	1,125	1,619	2,744
Mixed or unspecified materials.	3,373	3,996	7,369	1,913	2,911	4,824
Flax and linen .. ..	206	484	690	747	2,072	2,819
Hemp and other fibrous materials.	1,731	514	2,245	2,027	2,428	4,455
Silk .. .. .	1,926	3,685	5,611	126	338	463
Total textile trades	63,872	80,597	144,469	6,736	11,671	18,407
Domestic and personal service.	8,667	110,198	118,865	475	10,524	10,999
Conveyance of goods and messages, &c.	96,576	2,576	99,152	11,092	3,010	14,702
Agriculture .. .. .	71,519	1,517	73,036	6,439	984	7,423
Clothing trades .. ..	16,619	35,020	51,639	1,732	3,765	5,497
Mining { Coal .. .. .	31,318	249	31,567	5,411	41	5,452
{ Other minerals	1,206	175	1,381	548	4	552
Provision of food and lodging.	18,393	3,246	21,639	3,648	962	4,610
Building and furnishing trades.	14,005	1,183	15,188	2,223	217	2,440
General labourers.. ..	13,081	95	13,176	867	23	890
Iron and steel manufac- ture.	10,501	472	10,973	2,242	18	2,260
Commercial and other clerks.	9,732	523	10,255	2,549	263	2,812
Machine and implement making.	8,605	1,307	9,912	1,181	71	1,252
Printing trades .. ..	6,780	1,942	8,722	684	527	1,211
Workers in copper, tin, lead, and other minerals.	7,037	1,532	8,569	488	49	537
Teaching and school service.	1,574	5,937	7,511	86	270	356

\* Excluding the Channel Islands and the Isle of Man.

## UNDER 15 YEARS OF AGE IN 1891.

mentioned GROUPS of OCCUPATIONS at the Date of the Census, on 6th April, 1891.

*Reports for 1891.]*

IRELAND.			UNITED KINGDOM.*			GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).
Boys.	Girls.	Total.	Boys.	Girls.	Total.	
125	167	292	40,880	54,921	95,801	Textile trades :—
106	98	204	17,912	21,284	39,196	Cotton.
345	859	1,204	5,630	7,666	13,296	Wool and worsted.
2,196	4,486	6,682	3,149	7,042	10,191	Mixed or unspecified materials.
114	54	168	3,872	2,996	6,868	Flax and linen.
1	1	2	2,062	4,024	6,076	Hemp and other fibrous materials.
						Silk.
2,887	5,665	8,552	73,495	97,933	171,428	Total textile trades.
1,227	9,407	10,634	10,369	130,129	140,498	Domestic and personal service.
3,246	63	3,309	111,514	5,649	117,163	Conveyance of goods and messages, &c.
12,801†	1,390†	14,191†	90,759	3,891	94,650	Agriculture.
829	3,546	4,375	19,180	42,321	61,501	Clothing trades.
21	..	21	36,750	290	37,040	} Mining { Coal.
18	..	18	1,774	179	1,953	
763	161	924	22,804	4,389	27,173	Provision of food and lodging.
545	12	557	16,773	1,412	18,185	Building and furnishing trades.
2,142†	143†	2,285†	16,090	261	16,351	General labourers.
327	5	332	13,070	495	13,565	Iron and steel manufacture.
433	33	466	12,714	819	13,533	Commercial and other clerks.
122	2	124	9,858	1,390	11,238	Machine and implement making.
224	66	290	7,688	2,535	10,223	Printing trades.
73	3	76	7,598	1,594	9,192	Workers in copper, tin, lead, and other minerals.
11	234	245	1,778	6,441	8,219	Teaching and school service.

† The majority of the "General Labourers" may be assumed to be "Agricultural Labourers" although not returned as such. (*See Census of Ireland, 1891. Part II., p. 116.*)

(D.)—OCCUPATIONS OF CHILDREN

TABLE 142.—NUMBER of BOYS and GIRLS under 15 Years of Age engaged in  
on 6th April

GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).	ENGLAND AND WALES.			SCOTLAND.		
	Boys.	Girls.	Total.	Boys.	Girls.	Total.
Earthenware and glass manufacture.	5,207	2,508	7,715	264	191	455
Hawking, pawnbroking, general dealing, &c.	4,236	1,055	5,291	349	501	850
Paper making and allied trades.	2,104	3,180	5,284	319	790	1,109
Quarrying, brickmaking, and road and railway making.	5,340	79	5,419	514	24	538
Wood, cane, straw, &c., working.	2,960	440	3,400	521	33	554
Carriage and harness manufacture.	2,842	354	3,196	193	4	197
Tobacco and pipe manu- facture.	597	1,773	2,370	50	155	205
Professional occupations, (including subordinates).	1,375	602	1,977	174	130	274
Chemicals, colouring matter, and explosives manufacture.	1,138	549	1,687	223	116	339
Ship and boat building, and allied trades.	1,385	8	1,393	465	2	467
Workers in hair, bone, soap, and other animal substances.	1,023	676	1,701	49	37	86
Workers in oils, colours, india-rubber, and other vegetable substances.	745	376	1,121	319	58	377
Leather and skin dressing	840	411	1,251	96	21	117
Miscellaneous and un- specified trades.	9,923	3,614	13,542	1,332	697	2,029
Total Occupied children of 10 and under 15 years of age.	419,209	262,194	681,403	51,819	35,118	86,937
Percentage of Total..	96.0	16.3	21.1	22.6	15.7	19.2
Total Unoccupied children of 10 and under 15 years of age.	1,191,649	1,350,515	2,542,164	177,418	187,885	365,303
Percentage of Total..	74.0	83.7	78.9	77.4	84.3	80.8
Grand total number of children of 10 and under 15 years of age.	1,610,858	1,612,709	3,223,567	229,237	223,003	452,240

Note.—The figures that relate to occupied children are for all such children of 10 and under 15 years who were returned as following occupations are also included. Since, however, in 1891, the figures are substantially comparable.



## UNDER 15 YEARS OF AGE IN 1891—(continued from last two pages).

the under-mentioned GROUPS of OCCUPATIONS, at the Date of the Census 1891—continued.

IRELAND.			UNITED KINGDOM.*			GROUPS OF OCCUPATIONS (arranged in descending order of magnitude).
Boys.	Girls.	Total.	Boys.	Girls.	Total.	
25	5	30	5,496	2,704	8,200	Earthenware and glass manufacture.
388	174	562	4,978	1,730	6,708	Hawking, pawnbroking, general dealing, &c.
29	141	170	2,452	4,111	6,563	Paper making and allied trades.
115	3	118	5,969	106	6,075	Quarrying, brickmaking, and road and railway making.
106	16	122	3,587	489	4,076	Wood, cane, straw, &c., working.
104	..	104	3,139	358	3,497	Carriage and harness manufacture.
42	31	73	689	1,959	2,648	Tobacco and pipe manu- facture.
58	33	91	1,807	735	2,542	Professional occupations (including subordi- nates).
35	3	38	1,396	668	2,064	Chemicals, colouring matter, and explosives manufacture.
50	..	50	1,909	10	1,919	Ship and boat building, and allied trades.
31	19	50	1,105	732	1,837	Workers in hair, bone, soap, and other animal substances.
1	..	1	1,065	434	1,499	Workers in oils, colours, india-rubber, and other vegetable substances.
13	..	13	949	432	1,381	Leather and skin dress- ing.
1,260	464	1,714	12,510	4,775	17,285	Miscellaneous and un- specified trades.
28,028	21,619	49,647	499,051	318,351	817,402	Total Occupied children of 10 and under 15 years of age.
10.0	8.0	8.0	23.5	15.1	19.4	Percentage of Total.
262,334	247,946	500,280	1,621,401	1,736,346	3,357,747	Total Unoccupied chil- dren of 10 and under 15 years of age.
90.0	92.0	91.0	76.5	84.9	80.6	Percentage of Total.
290,357	269,565	549,922	2,120,452	2,105,277	4,225,729	Grand total number of children of 10 and under 15 years of age.

of age; but in Scotland any children of 5 and under 10 years, and in Ireland children of any age  
employment of children under 10 years of age was prohibited in the United Kingdom generally  
\* Excluding the Channel Islands and the Isle of Man.

EMPLOYMENT IN FACTORIES  
NUMBER OF FACTORY AND WORKSHOP

TABLE 143.—NUMBER of CHILDREN, YOUNG PERSONS and ADULTS, respectively,  
each of the under-mentioned DIVISIONS of the UNITED  
[Extracted from the Annual Report of the Chief Inspector of

	Children under 14 Years of Age employed as Half-Timers.			Persons under 18 Years of Age employed as Full-Timers.		
	Males.	Females.	Total.	Males.	Females.	Total.
<b>Textile Factories.</b>						
England and Wales ...	17,829	21,490	39,319	64,639	121,902	186,541
Scotland ... ..	2,018	2,804	4,822	8,535	22,453	30,988
Ireland ... ..	2,227	2,669	4,896	5,545	8,228	13,773
United Kingdom ...	22,074	26,963	49,037	78,719	152,583	231,302
<b>Non-textile Factories.</b>						
England and Wales ...	3,848	1,580	5,428	271,626	118,141	389,767
Scotland ... ..	581	230	811	36,826	19,708	56,534
Ireland ... ..	93	67	160	8,207	6,301	14,508
United Kingdom ...	4,522	1,877	6,399	316,659	144,150	460,809
<b>Workshops (under the 1878 Act).</b>						
England and Wales ...	1,074	911	1,985	57,808	37,531	95,339
Scotland ... ..	215	359	574	7,696	11,646	19,342
Ireland ... ..	51	127	178	2,206	5,144	7,350
United Kingdom ...	1,340	1,397	2,737	67,710	54,321	122,031

\* So far as returned. Occupiers of more than 220,000 separate works or departments  
Returns from 173,756 of these were used for the purpose of these statistics, the  
only men in 1897.  
The returns do not include all the places or workpeople under the supervision of the  
1. "Men workshops"; workshops (other than bakehouses) in which men only are  
2. Unregistered workshops and factories, if any, not reported by the occupiers, and  
3. Factories and workshops under the charge of H.M. Inspectors of Mines, acting as  
4. Registered factories and workshops from which returns were not received, to the  
5. Places brought under the Factory Acts for certain purposes by sections 22 and  
Outworkers are not included in the returns, unless registered as occupiers.

## AND WORKSHOPS IN 1897.

### OPERATIVES IN 1897.\*—SUMMARY.

employed in 1897 in FACTORIES and in WORKSHOPS under the 1878 Factory Act, in KINGDOM, distinguishing MALES and FEMALES.

*Factories and Workshops for the Year 1898. (Cd.—27 of 1900.)]*

Persons above 18 Years of Age.			Total Number of Persons employed.			—
Males.	Females.	Total.	Males.	Females.	Total.	
						<b>Textile Factories.</b>
248,087	360,052	608,139	330,555	503,444	833,999	England and Wales.
31,149	77,039	108,188	41,702	102,296	143,998	Scotland.
16,822	38,076	54,898	24,594	48,973	73,567	Ireland.
296,058	475,167	771,225	396,851	654,713	1,051,564	United Kingdom.
						<b>Non-textile Factories.</b>
1,599,513	278,914	1,878,427	1,874,987	398,635	2,273,622	England and Wales.
265,629	45,849	311,478	303,086	65,787	368,823	Scotland.
71,542	26,805	98,347	79,842	33,173	113,015	Ireland.
1,936,684	351,568	2,288,252	2,257,865	497,595	2,755,460	United Kingdom.
						<b>Workshops</b> (under the 1878 Act).
210,552	198,858	409,410	269,434	287,300	556,734	England and Wales.
31,275	38,707	69,982	39,186	50,712	89,898	Scotland.
9,801	12,815	22,616	12,058	18,086	30,144	Ireland.
251,628	250,380	502,008	320,678	356,098	676,776	United Kingdom.

were applied to, and returns were received from over 200,000 works or departments, remainder being chiefly accounted for by workshops (other than bakehouses) employing

Factory Inspectors, the following being the most important classes of works omitted :—  
employed. These do not come within the section.

not discovered by the Inspectors.

Inspectors of Factories. These are dealt with in the statistics of mines.  
number of 6,167.

23 of the Factory Act, 1895.

**NUMBER OF FACTORY AND WORKSHOP OPERATIVES IN****TABLE 144.—NUMBER OF PERSONS EMPLOYED in 1897 in the under-mentioned to AGE***[Compiled from the Annual Report of the Chief Inspector of Factories]*

Industry.	I.—Factories.						Total Number of Persons employed.
	Children employed as Half-Timers.		Persons under 18 Years of Age employed as Full-Timers.		Persons above 18 Years of Age.		
	M.	F.	M.	F.	M.	F.	
<b>TEXTILE.</b>							
Cotton .. .. .	12,297	15,246	40,084	79,580	147,245	232,821	527,223
Wool .. .. .	942	718	8,618	11,379	44,486	49,934	116,077
Worsted .. .. .	4,072	4,905	11,884	22,571	35,062	56,939	125,433
Flax .. .. .	2,908	3,515	7,206	14,059	22,487	55,929	106,104
Hemp and Jute .. .. .	1,188	1,325	4,519	6,068	12,044	28,107	53,241
Silk .. .. .	337	801	1,972	6,685	8,579	18,263	26,637
Hosiery .. .. .	90	214	1,381	7,876	8,454	18,160	26,175
Other Textiles .. .. .	240	239	3,105	4,375	17,701	15,014	40,674
<b>NON-TEXTILE.</b>							
Flax Scutch Mills .. .. .	20	17	309	152	2,867	1,441	4,806
Print, Bleach, Dye Works	1,147	278	14,480	7,496	87,136	23,144	133,681
Wood.—Saw Mills, Car- penters.	62	18	13,327	198	86,245	502	100,352
Cabinet, Furniture, and Household Utensil Mak- ers, and Upholsterers.	74	8	9,736	3,268	43,213	8,552	64,851
Metals, Extraction, Found- ing, and Conversion of.	75	5	36,924	2,629	260,895	6,399	306,927
Machines, Appliances, Con- veyances, Tools.	498	45	104,317	9,642	693,486	22,275	830,263
Metals: Galvanising, Fin- ishing, &c.	4	..	3,654	824	13,987	2,404	20,873
Clothing .. .. .	617	636	17,290	36,890	77,637	106,539	239,609
Paper, Printing, Stationery, &c.	401	186	36,529	24,233	134,221	45,479	241,049
Food, Drink, Tobacco, Snuff, and Cigars.	256	192	21,101	23,808	161,831	48,067	255,055
Jewellery, Plate, Fine Instruments, Fancy Articles, Games.	17	32	6,610	7,537	26,216	13,379	53,791
Leather.—Tanners, Fell- mongers, Curriers.	12	4	2,650	236	23,840	971	27,713
India-rubber and Gutta- percha.	5	2	1,285	1,752	10,023	5,926	118,993
Glass, Clay, Stone, &c. ..	598	217	23,839	9,018	108,635	24,111	166,418
Chemicals, &c. (including Explosives).	27	22	7,887	4,066	77,755	10,956	100,733
Gas .. .. .	..	..	550	..	52,908	17	53,475
All other Industries ..	709	215	16,171	12,581	75,789	31,406	136,871
Total, United Kingdom	26,596	28,840	395,378	296,733	2,232,742	826,735	3,207,024

## 1897.\*—DETAILED TABLE GROUPED BY INDUSTRIES.

Classes of FACTORIES and WORKSHOPS in the UNITED KINGDOM, classified according to SEX.

and Workshops for the Year 1898. (Cd.—27 of 1900.)]

II. Workshops. (Under 1878 Factory Act.)							Industry.
Children employed as Half-Timers.		Persons under 18 Years of Age employed as Full-Timers.		Persons above 18 Years of Age.		Total Number of Persons Employed.	
M.	F.	M.	F.	M.	F.		
							TEXTILE.
69	89	512	2,718	3,364	7,139	13,691	Cotton.
							Wool.
							Worsted.
							Flax.
							Hemp and Jute.
							Silk.
							Hosiery.
							Other Textiles.
							NON-TEXTILE.
..	..	..	..	..	..	..	Flax Scutch Mills.
..	..	7	23	79	61	170	Print, Bleach, Dye Works.
30	..	4,763	13	15,007	50	19,863	Wood.—Saw Mills, Carpenters.
63	8	8,755	2,570	30,364	7,615	49,375	Cabinet, Furniture, and Household Utensil Makers, and Upholsterers.
..	..	8	..	9	2	19	Metals, Extraction, Founding, and Conversion of.
83	9	14,377	1,969	43,493	4,978	64,909	Machines, Appliances, Conveyances, Tools.
..	..	343	70	1,082	113	1,608	Metals, Galvanising, Finishing, &c.
464	1,161	14,198	79,693	77,156	178,750	351,622	Clothing.
9	14	1,257	2,099	3,192	4,192	10,763	Paper, Printing, Stationery, &c.
263	48	7,185	3,089	28,032	19,256	57,873	Food, Drink, Tobacco, Snuff and Cigars.
32	14	4,379	4,593	12,190	8,757	29,965	Jewellery, Plate, Fine Instruments, Fancy Articles, Games.
6	1	208	84	1,147	112	1,558	Leather.—Tanners, Fellmongers, Curriers.
7	..	128	175	623	528	1,461	India-rubber and Gutta-percha.
34	2	2,749	66	9,827	338	13,016	Glass, Clay, Stone, &c.
25	7	467	799	1,441	1,257	3,996	Chemicals, &c. (including Explosives).
..	..	6	..	73	..	79	Gas.
255	44	8,368	6,160	24,549	17,232	56,668	All other Industries
1,340	1,397	67,710	104,321	251,628	256,380	676,776	Total, United Kingdom.

\* See note to Table 143, page 204.

HALF-TIMERS IN FACTORIES AND WORKSHOPS.

I.—GROUPED BY INDUSTRIES.

TABLE 145.—NUMBER of CHILDREN employed as HALF-TIMERS in each of the under-mentioned CLASSES of FACTORIES and WORKSHOPS in the UNITED KINGDOM in 1897.

[Compiled from the Annual Report of the Chief Inspector of Factories and Workshops for the Year 1898 (Cd.—27 of 1900).]

(A.) Number of Children under 14 Years of Age employed as Half-Timers.

Industry.	Number Employed.	Industry.	Number employed in	
			Factories.	Work-shops.
Textile Factories.		Non-Textile Trades.		
Cotton..	{ Spinning 10,031	Flax Scutch-mills .. ..	37	..
	{ Weaving 17,327	Rope making .. ..	320	173
	{ Other processes 186	Wood.—Sawmills, carpenters ..	80	30
Wool ..	{ Spinning 1,178	Leather.—Tanners, fell-mongers, curriers ..	16	7
	{ Weaving 418	Clay, stone, &c. .. ..	694	34
	{ Other processes 64	Glass .. ..	121	2
Worsted	{ Spinning 8,623	Metals, founding and conversion of ..	80	..
	{ Weaving 352	Machines, tools, appliances, conveyances ..	543	92
	{ Other processes 2	Chemicals, &c., explosives ..	49	32
Shoddy .. ..	218	Cabinet, furniture, and household utensil makers and upholsterers ..	82	71
Flax .. ..	6,423	Food .. ..	332	299
Hemp .. ..	126	Drink .. ..	54	12
Jute .. ..	2,587	Tobacco, snuff and cigars ..	62	..
Horsehair .. ..	9	Print, bleach, dye works ..	1,425	..
Cocoanut fibre ..	14	Clothing .. ..	1,253	1,626
Silk .. ..	1,138	Jewellery, plate, fine instruments, fancy articles, games ..	49	46
Lace .. ..	213	Paper, printing, stationery, &c. ..	587	23
Hosiery .. ..	304	All other industries .. ..	615	133
Elastic .. ..	25			
Total .. ..	49,937			
Textile Workshops (not separately classed).	158			
Total Textile Trades..	49,195	Total Non-Textile Trades ..	6,399	2,579

(B.) Percentage of Half-Timers in each Class of Works, and Percentage that Half-Timers are of all Persons employed in each Class of Works.

	Number of Half-Timers employed.*	Percentage of whole Number of Half-Timers employed in all Factories and Workshops.	Percentage that Half-Timers are of Total Number of Persons (all ages) employed in each class of Works.
Textile Factories .. ..	49,037	84.30	4.86
Non-Textile Factories .. ..	6,399	11.00	.24
Workshops .. ..	2,737	4.70	.40
Total .. ..	58,173	100.00	1.30

\* See note to Table 143, page 204.

## HALF-TIMERS IN FACTORIES AND WORKSHOPS.

### II.—GROUPED BY COUNTIES AND DISTINGUISHING SEX.

TABLE 146.—NUMBER of CHILDREN employed as HALF-TIMERS in FACTORIES and WORKSHOPS in the under-mentioned counties in 1897, distinguishing Males (M.) and Females (F.).

[Compiled from the Annual Report of the Chief Inspector of Factories and Workshops for the Year 1898 (Cd.—27 of 1900).]

County.	Textile Factories.			Non-Textile Factories.			Workshops.			Total.
	M.	F.	M. & F.	M.	F.	M. & F.	M.	F.	M. & F.	
ENGLAND AND WALES.										
Lancashire ..	10,572	12,760	23,332	1,953	481	2,434	229	162	391	26,157
Yorkshire, W. Rid- ing ..	5,687	6,294	11,981	352	216	568	99	109	208	12,757
Cheshire ..	903	1,434	2,336	255	142	397	32	23	55	2,788
Derbyshire ..	250	366	616	131	51	182	12	6	18	816
Leicestershire ..	91	222	313	161	106	267	92	48	140	720
Staffordshire ..	36	69	105	281	195	476	39	19	58	639
Northamptonshire ..	..	..	..	219	232	451	134	123	257	708
London ..	..	..	..	32	9	41	121	128	249	299
Worcestershire ..	69	89	158	11	8	19	9	10	19	196
Somersetshire ..	88	86	174	16	14	30	44	35	79	283
Nottinghamshire ..	17	13	30	38	10	46	8	6	14	90
Devonshire ..	55	68	123	17	35	52	12	11	23	192
Warwickshire ..	4	15	19	62	13	75	36	20	56	159
Other Counties* ..	58	74	132	323	68	390	207	211	418	840
Total .. ..	17,829	21,490	39,319	3,848	1,580	5,428	1,074	911	1,985	49,732
SCOTLAND.										
Forfarshire ..	1,484	1,697	3,181	23	1	24	28	21	49	3,254
Renfrewshire ..	128	597	725	106	55	161	30	15	45	931
Fife ..	88	169	257	199	26	225	14	18	32	514
Ayrshire ..	166	116	282	31	8	39	10	17	27	348
Lanarkshire ..	19	30	49	43	47	90	25	94	119	258
Clackmannanshire ..	70	55	125	3	..	3	..	4	4	132
Aberdeenshire ..	10	86	96	42	10	52	16	22	38	186
Dumbartonshire ..	..	..	..	113	77	189	5	2	7	196
Perthshire ..	43	50	93	1	1	2	..	32	32	139
Other Counties* ..	7	4	11	21	5	26	87	134	221	258
Total .. ..	2,018	2,804	4,822	581	230	811	215	359	574	6,297
IRELAND.										
Antrim ..	1,482	1,927	3,409	23	7	29	2	5	7	3,445
Down ..	358	356	713	22	37	59	14	1	15	787
Armagh ..	258	242	500	8	2	10	3	..	3	513
Tyrone ..	85	83	168	3	3	6	1	..	1	175
Other Counties* ..	44	62	106	38	18	56	31	121	152	314
Total .. ..	2,227	2,669	4,896	93	67	160	51	127	178	5,234
Total, United King- dom.	22,074	26,963	49,037	4,522	1,877	6,399	1,340	1,397	2,737	58,173

\* These figures relate to 86 counties in the United Kingdom. In 10 of these the total number of Half-Timers employed in each county was between 50 and 100, whilst in 40 of the remaining 76 counties the number employed was less than 10.

EMPLOYMENTS OF CHILDREN

TABLE 147.—OCCUPATIONS of CHILDREN on leaving SCHOOL (Upper Standards) in (1) LONDON, DISTRICTS of ENGLAND and WALES  
[Extracted from Return—Elementary Schools

(A.)

Occupation.	LONDON.	LARGE URBAN AND MANUFACTURING DISTRICTS IN							Total.
		S.E., S. Midland, E., and S.W. Counties.	W. Midland and N. Midland Counties.	Lanca- shire and Cheshire.	York- shire.	Northern Counties.	Wales and Mon- mouth.		
NUMBER.									
Agriculture .. .. .	101	203	144	144	177	32	30	730	
Building .. .. .	787	358	474	386	473	162	120	1,973	
Woodworking .. .. .	905	103	189	160	112	18	9	591	
Metal, engineering, and shipbuilding	949	313	1,567	879	812	283	236	4,090	
Mining and quarrying .. .. .	..	..	121	133	242	123	965	1,584	
Textile .. .. .	49	35	227	3,710	2,074	..	..	6,046	
Clothing .. .. .	665	487	569	222	278	44	34	1,634	
Printing and allied trades .. .. .	1,121	177	240	198	196	32	25	668	
Clerical .. .. .	2,060	807	1,088	2,043	1,056	368	264	5,666	
In shops .. .. .	3,584	1,308	1,143	1,523	1,336	578	296	6,064	
Errand, cart, boat, &c., boy .. .. .	10,283	1,933	2,846	2,550	2,090	753	324	10,496	
Newsboy and street vendor .. .. .	964	266	315	328	366	140	57	1,472	
Teaching .. .. .	120	97	55	78	111	35	54	430	
Domestic service .. .. .	301	93	34	15	25	..	6	173	
Miscellaneous and indefinite .. .. .	2,256	671	1,396	1,242	563	178	109	4,159	
TOTAL OCCUPIED .. .. .	24,145	6,751	10,408	13,651	9,911	2,746	2,529	45,996	
No reported occupation .. .. .	1,623	277	604	519	479	177	41	2,097	
GRAND TOTAL .. .. .	25,768	7,028	11,012	14,170	10,390	2,923	2,570	48,093	
PERCENTAGE.									
Agriculture .. .. .	..	3	1	1	2	1	1	2	
Building .. .. .	3	5	4	3	5	5	5	4	
Woodworking .. .. .	4	1	2	1	1	1	..	1	
Metal, engineering, and shipbuilding	4	4	14	6	8	10	9	8	
Mining and quarrying .. .. .	..	..	1	1	2	4	38	3	
Textile .. .. .	..	1	2	26	20	..	..	13	
Clothing .. .. .	3	7	5	2	3	1	1	3	
Printing and allied trades .. .. .	4	3	2	1	2	1	1	2	
Clerical .. .. .	8	11	10	15	10	13	10	12	
In shops .. .. .	14	17	11	11	13	20	12	13	
Errand, cart, boat, &c., boy .. .. .	40	28	26	18	20	26	13	22	
Newsboy and street vendor .. .. .	4	4	3	2	3	5	2	3	
Teaching .. .. .	..	1	1	..	1	1	2	1	
Domestic service .. .. .	1	1	..	..	..	..	..	..	
Miscellaneous and indefinite .. .. .	9	10	13	9	5	6	4	9	
TOTAL OCCUPIED .. .. .	94	96	95	96	95	94	98	96	
No reported occupation .. .. .	6	4	5	4	5	6	2	4	
GRAND TOTAL .. .. .	100	100	100	100	100	100	100	100	



ON LEAVING SCHOOL, 1893-4.

(2) LARGE URBAN and MANUFACTURING DISTRICTS, and (3) RURAL and SMALL URBAN  
so far as included in the returns.

(Children Working for Wages). H. C. 23 of 1899.]

BOYS.

RURAL AND SMALL URBAN DISTRICTS IN							Occupation.
S.E. S. Midland, E. and S.W. Counties.	W. Midland and N. Midland Counties.	Lanca- shire and Cheshire.	York- shire.	Northern Counties.	Wales and Mon- mouth.	Total.	
NUMBER.							
9,354	4,070	616	1,392	1,096	1,182	17,950	Agriculture.
1,577	699	353	325	488	302	3,744	Building.
317	132	85	45	69	23	661	Woodworking.
645	871	360	292	537	424	3,119	Metal, engineering, and shipbuilding.
207	1,146	681	1,103	2,333	1,040	6,510	Mining and quarrying.
67	469	3,287	1,640	31	28	5,522	Textile.
676	478	182	101	90	85	1,612	Clothing.
376	131	55	35	53	30	680	Printing and allied trades.
998	533	506	205	300	195	2,727	Clerical.
3,110	1,273	861	571	735	495	7,045	In shops.
4,719	2,094	1,099	684	897	534	9,917	Errand, cart, boat, &c., boy.
567	202	152	95	128	79	1,223	Newsboy and street vendor.
210	115	41	40	85	66	557	Teaching.
797	170	33	49	..	41	1,090	Domestic service.
2,108	1,026	688	371	373	252	4,817	Miscellaneous and indefinite.
25,728	13,419	9,189	6,928	7,134	4,776	67,174	TOTAL OCCUPIED.
768	821	332	348	334	162	2,765	No reported occupation.
26,496	14,240	9,521	7,276	7,468	4,938	69,939	GRAND TOTAL.
PERCENTAGE.							
35	29	10	19	14	24	26	Agriculture.
6	5	4	4	7	6	5	Building.
1	1	1	1	1	..	1	Woodworking.
2	6	4	4	7	9	4	Metal, engineering, and shipbuilding.
1	8	7	15	31	21	9	Mining and quarrying.
..	3	24	23	..	..	8	Textile.
3	3	2	1	1	2	2	Clothing.
1	1	1	..	1	1	1	Printing and allied trades.
4	4	5	3	4	4	4	Clerical.
12	9	9	8	10	10	10	In shops.
18	15	11	9	12	11	14	Errand, cart, boat, &c., boy.
2	1	2	1	2	2	2	Newsboy and street vendor.
1	1	..	1	1	1	1	Teaching.
3	1	..	1	..	1	2	Domestic service.
8	7	7	5	5	5	7	Miscellaneous and indefinite.
97	94	97	95	96	97	96	TOTAL OCCUPIED.
3	6	3	5	4	3	4	No reported occupation.
100	100	100	100	100	100	100	GRAND TOTAL.

## EMPLOYMENTS OF CHILDREN

TABLE 147.—OCCUPATIONS of CHILDREN on leaving SCHOOL (Upper Standards) in (1) LONDON, DISTRICTS of ENGLAND

(B.)

Occupation.	LONDON.	LARGE URBAN AND MANUFACTURING DISTRICTS IN						
		S.E., S. Midland, E., and S.W. Counties.	W. Midland and N. Midland Counties.	Lancashire and Cheshire.	Yorkshire.	Northern Counties.	Wales and Monmouth.	Total.
NUMBER.								
Domestic service .. ..	6,191	1,663	1,857	1,354	1,433	345	497	7,149
Farm service and field work..	..	..	..	9	..	..	..	9
Dressmaking and millinery ..	2,231	679	645	781	479	163	288	3,035
Other clothing ... ..	1,376	423	445	477	226	8	13	1,652
Textile .. ..	30	19	495	4,843	2,341	..	..	7,698
In shops .. ..	577	202	241	290	255	108	50	1,146
Teaching .. ..	804	382	419	478	340	118	134	1,871
Clerical .. ..	398	46	124	73	23	22	20	308
In laundries .. ..	274	33	..	..	7	..	7	47
Miscellaneous and indefinite..	1,893	176	2,041	729	334	84	31	3,995
TOTAL OCCUPIED ..	13,764	3,623	6,267	9,084	5,498	848	1,040	26,310
At Home.. ..	10,411	2,902	3,725	3,974	4,238	1,482	1,162	17,483
GRAND TOTAL.. ..	24,175	6,525	9,992	13,008	9,736	2,330	2,202	43,793
PERCENTAGE.								
Domestic service .. ..	26	26	19	10	15	15	23	16
Farm service and field work .	..	..	..	..	..	..	..	..
Dressmaking and millinery ..	9	10	7	6	5	7	13	7
Other clothing .. ..	6	6	5	4	3	..	1	4
Textile .. ..	..	..	5	37	24	..	..	17
In shops .. ..	2	3	2	2	3	5	2	3
Teaching .. ..	3	6	4	4	3	5	6	4
Clerical .. ..	2	1	1	..	..	1	1	1
In laundries .. ..	1	1	..	..	..	..	..	..
Miscellaneous and indefinite.	8	3	20	6	3	3	1	8
TOTAL OCCUPIED ..	57	56	63	69	56	36	47	60
At Home.. ..	43	44	37	31	44	64	53	40
GRAND TOTAL.. ..	100	100	100	100	100	100	100	100

ON LEAVING SCHOOL, 1893-4—continued.

(2) LARGE URBAN and MANUFACTURING DISTRICTS, and (3) RURAL and SMALL URBAN and WALES—continued.

GIRLS.

RURAL AND SMALL URBAN DISTRICTS IN							Occupation.
S.E., S. Midland, E. and S.W. Counties.	W. Midland and N. Midland Counties.	Lancashire and Cheshire.	Yorkshire.	Northern Counties.	Wales and Monmouth.	Total.	
NUMBER.							
8,274	4,306	1,248	1,570	1,466	1,367	18,230	Domestic service.ij
415	104	135	111	185	318	1,328	Farm service and field work.
1,491	491	383	327	360	394	3,345	Dressmaking and millinery.
433	279	98	21	6	2	838	Other clothing.
80	904	4,276	1,668	62	..	6,980	Textile.
332	112	168	79	99	43	833	In shops.
1,047	437	255	224	261	137	2,361	Teaching.
32	21	16	14	15	9	107	Clerical.
116	41	11	..	..	..	168	In laundries.
555	411	196	91	120	77	1,450	Miscellaneous and indefinite.
12,774	7,166	6,785	4,005	2,573	2,347	35,650	TOTAL OCCUPIED.
10,982	5,127	2,209	2,397	3,672	1,601	25,988	At Home.
23,756	12,293	8,994	6,402	6,245	3,948	61,638	GRAND TOTAL.
PERCENTAGE.							
35	36	14	25	23	36	30	Domestic service.
2	1	1	2	3	8	2	Farm service and field work.
6	4	4	4	6	10	6	Dressmaking and millinery.
2	2	1	..	..	..	1	Other clothing.
..	8	48	26	1	..	12	Textile.
1	1	2	1	2	1	1	In shops.
5	4	3	4	4	3	4	Teaching.
..	..	..	..	..	..	..	Clerical.
1	..	..	..	..	..	..	In laundries.
2	3	2	1	2	2	2	Miscellaneous and indefinite.
54	58	75	63	41	59	58	TOTAL OCCUPIED.
46	42	25	37	59	41	42	At Home.
100	100	100	100	100	100	100	GRAND TOTAL.

## EMPLOYMENT OF SEAMEN.\*

## COMPARISON OF NUMBERS OF SEAMEN OF BRITISH AND FOREIGN NATIONALITY EMPLOYED IN 1891 AND 1896.\*

TABLE 148.—TOTAL NUMBER of SEAMEN of all RATINGS EMPLOYED on 5th April 1891 and 25th March 1896 respectively, on TRADING VESSELS, distinguishing BRITISH and FOREIGN SEAMEN.

Nationality of Seamen.	Number employed on 5th April 1891.	Number employed on 25th March 1896.	Increase.	Decrease.	Net Increase (+) or Decrease (-).
<b>ON SAILING VESSELS:</b>					
British .. .. .	43,257	35,825	..	7,432	..
Foreign .. .. .	9,312	9,668	356	..	..
Total .. .. .	52,569	45,493	356	7,432	- 7,076
<b>ON STEAM VESSELS:</b>					
British .. .. .	84,310	89,184	4,874	..	..
Foreign .. .. .	14,572	17,778	3,206	..	..
Total .. .. .	98,882	106,962	8,090	..	+ 8,090
<b>ON SAILING AND STEAM VESSELS:</b>					
British .. .. .	127,567	125,009	..	2,558	..
Foreign .. .. .	23,884	27,446	3,562	..	..
Total .. .. .	151,451	152,455	3,562	2,558	+ 1,004
Lascars.. .. .	21,322	27,911	6,589	..	+ 6,589
Grand Total ..	172,773	180,366	..	..	+7,593

## AGE DISTRIBUTION OF SAILORS AND BOYS.\*

TABLE 149.—NUMBER of Sailors (i.e., ABLE SEAMEN, ORDINARY SEAMEN, and SAILORS undefined) and Boys EMPLOYED on TRADING VESSELS on 5th April 1891 and 25th March 1896 respectively, grouped according to AGE, and distinguishing those of BRITISH and FOREIGN NATIONALITY.

AGE.	Number employed on 5th April 1891.			Number employed on 25th March 1896.		
	British.	Foreign.†	Total.	British.	Foreign.†	Total.
Under 15 years .. .. .	321	16	337	119	6	125
15 and under 20 years .. .. .	6,688	659	7,347	4,616	855	5,471
20 " 25 " .. .. .	10,949	3,807	14,756	9,242	4,214	13,456
25 " 30 " .. .. .	7,207	3,363	10,570	6,587	3,513	10,080
30 " 35 " .. .. .	5,009	2,144	7,153	4,380	2,174	6,554
35 " 40 " .. .. .	3,707	1,364	5,071	3,279	1,570	4,849
40 " 45 " .. .. .	2,845	943	3,788	2,608	916	3,524
45 " 50 " .. .. .	2,339	631	2,970	1,991	686	2,677
50 years and upwards .. .. .	2,401	345	2,746	2,124	352	2,476
Not stated .. .. .	124	160	284	94	183	277
Total .. .. .	41,590	13,432	55,022	35,020	14,469	49,489

\* The above tables are compiled from a Return, Mercantile Marine (Seamen employed).—C.—8579 of 1897. The figures in the tables relate only to seamen on sea-going vessels (except fishing vessels and yachts) registered under Part I. of the Merchant Shipping Act of 1894 in the British Islands, and show only the number of seamen employed on such vessels on certain dates in 1896 and 1891, and not the total number of seamen following the sea service in connection with the above-mentioned class of vessels.

† Exclusive of Lascars.

NATIONALITIES OF SEAMEN.\*

TABLE 150.—NATIONALITIES of Seamen of all Ratings EMPLOYED on TRADING VESSELS on 25th March 1896.

Country of Origin.	Number employed.	Country of Origin.	Number employed.
England and Wales (including Channel Islands and Isle of Man).	80,977	Foreign Countries:—	
Scotland .. .. .	23,248	Sweden .. .. .	5,219
Ireland .. .. .	12,599	Germany .. .. .	5,167
Total, British Islands ..	115,824	Norway .. .. .	3,669
"British," not otherwise defined	4,368	United States .. .. .	2,223
Colonies .. .. .	4,621	Russia .. .. .	1,962
		Denmark .. .. .	1,518
		Other .. .. .	7,689
		Total, Foreign Countries	27,446
		Born at sea, or birthplace not stated.	196
		Lascars on Asiatic agreement	27,911
		Total number employed	180,366

\* See note (\*) on page 214.

PROPORTION OF SEAMEN IN EACH RATING, GROUPED BY NATIONALITIES.\*

TABLE 151.—PERCENTAGE PROPORTION of SEAMEN of various NATIONALITIES who were SERVING in each of the under-mentioned RATINGS on 25th March 1896.

Rating.	Country of Origin.					Total for all Nationalities.
	England.	Scotland.	Ireland.	Colonies.	Foreign Countries. †	
Masters .. .. .	9'0	7'5	7'0	4'0	0'7	7'9
Mates .. .. .	10'6	11'4	8'0	10'0	1'9	8'9
Total .. .. .	19'6	18'9	15'0	14'0	2'6	15'9
Petty officers .. .. .	4'6	7'7	5'2	6'3	9'9	6'2
Seamen, &c.:—						
Able seamen .. .. .	18'0	19'3	29'7	33'7	50'5	25'9
Sailors, undefined ..	3'6	3'4	4'0	0'2	0'2	2'9
Ordinary seamen ..	3'8	2'9	3'8	3'7	2'9	3'5
Apprentices .. .. .	4'1	3'4	1'3	2'0	0'2	3'0
Boys .. .. .	1'4	0'7	1'0	1'2	0'6	1'1
Total Seamen, &c... ..	30'9	29'7	39'8	40'8	54'4	36'4
Engineers' Department:—						
Engineers .. .. .	9'7	16'9	4'1	3'8	0'9	8'4
Firemen or firemen and trimmers.	13'2	10'2	20'2	9'5	15'2	13'4
Trimmers .. .. .	1'9	1'3	2'1	1'8	0'9	1'6
Other persons .. .. .	2'6	2'6	3'8	1'5	2'6	2'6
Total, Engineers' Department.	27'4	31'0	30'2	16'6	19'6	26'0
Stewards and Stewardesses, &c.	16'0	10'7	6'8	18'2	9'2	13'1
Other persons.. .. .	1'4	2'0	3'0	4'1	4'3	2'4
Total .. .. .	100'0	100'0	100'0	100'0	100'0	100'0

\* See note (\*) on page 214.

† Exclusive of Lascars.

EMPLOYMENT OF MARRIED WOMEN.  
PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND  
UNMARRIED.

I. GENERAL SUMMARY.

TABLE 152.—NUMBER and PERCENTAGE of the WOMEN and GIRLS employed in 1894 by  
TEXTILE SPINNERS and MANUFACTURERS making Returns, who were HALF-TIMERS,  
YOUNG PERSONS under 18, and SINGLE, MARRIED, and WIDOWED WOMEN  
respectively.

[Compiled from Report on the Statistics of Employment of Women and Girls by  
Labour Department of Board of Trade, C. 7564 of 1894.]

Name of Trade.	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Grand Total, Women and Girls.
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.			Total Women.	
				Married.	Widowed.	Total Married or Widowed.		
Number.								
Cotton.. ..	12,536	45,306	79,531	34,150	4,841	38,991	118,522	176,456
Woollen .. ..	200	3,364	11,575	4,062	844	4,906	16,461	20,045
Worsted .. ..	3,944	13,288	23,039	5,158	1,111	6,269	29,308	46,540
Mixed woollen and worsted.	83	792	2,223	578	108	686	2,909	3,784
Total ..	16,763	62,842	116,368	43,948	6,904	50,852	167,220	246,386
Percentage.								
Cotton.. ..	7'1	25'7	45'1	19'4	2'7	22'1	67'2	100
Woollen .. ..	1'0	16'8	57'7	20'3	4'2	24'5	82'2	100
Worsted .. ..	2'5	28'5	49'5	11'1	2'4	13'5	63'0	100
Mixed woollen and worsted.	2'2	20'9	56'8	15'3	2'8	18'1	76'9	100
Total ..	6'8	25'5	47'1	17'8	2'8	20'6	67'7	100

**PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED—continued.**

**II. COTTON TRADE.**

**TABLE 153.—NUMBER of GIRLS (HALF-TIMERS and YOUNG PERSONS) and SINGLE, MARRIED, and WIDOWED WOMEN employed in 1894 in COTTON SPINNING and MANUFACTURE in the PRINCIPAL DISTRICTS in LANCASHIRE and CHESHIRE by Firms making RETURNS.**

*[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]*

Districts.	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Grand Total, Women and Girls.
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.			Total Women.	
				Married.	Widowed.	Total Married or Widowed.		
Stockport .. ..	260	938	1,708	875	159	1,034	2,740	3,938
Neighbourhood of Stockport .. ..	255	780	1,787	434	76	510	2,247	3,263
Ashton-under-Lyne and neighbour- hood.	783	3,768	6,972	3,376	567	3,943	10,915	15,465
Salford .. ..	42	1,513	2,176	709	154	863	3,039	4,594
Neighbourhood of Salford and Man- chester.	222	1,071	2,121	565	109	674	2,795	4,088
Leigh and neigh- bourhood.	359	1,671	2,349	516	76	592	2,941	4,971
Wigan.. ..	205	1,902	2,653	265	33	298	2,941	5,048
Bolton.. ..	1,137	4,247	6,750	1,390	354	1,744	8,494	13,876
Neighbourhood of Bolton.	384	1,530	2,453	627	158	785	3,238	5,162
Bury .. ..	431	1,491	2,825	1,328	233	1,561	4,386	6,308
Neighbourhood of Bury.	200	719	1,796	682	97	779	2,575	3,494
Oldham .. ..	393	2,729	4,723	2,085	285	2,370	7,093	10,217
Neighbourhood of Oldham.	476	2,003	3,490	1,337	169	1,506	4,996	7,475
Rochdale ... ..	344	1,259	2,606	939	135	1,074	3,680	5,223
Neighbourhood of Rochdale.	276	971	2,073	823	126	949	3,022	4,269
Todmorden, Bacup, Haslingden, and neighbourhood.	837	2,311	4,567	1,838	262	2,100	6,667	9,816
Chorley .. ..	429	1,364	2,402	835	120	955	3,357	5,150
Preston .. ..	953	3,130	5,155	2,792	412	3,204	8,359	12,442
Blackburn .. ..	1,344	3,590	5,999	4,092	460	4,552	10,551	15,485
Darwen, Accrington, Clitheroe, and neighbourhood.	1,529	3,455	6,865	3,745	377	4,122	10,987	15,971
Burnley .. ..	847	2,275	3,643	2,690	251	2,941	6,584	9,706
Neighbourhood of Burnley.	668	1,870	3,153	1,759	158	1,917	5,070	7,603
Miscellaneous places in Lancashire.	181	811	1,317	458	70	528	1,845	2,837
Lancashire and Cheshire.	12,536	45,398	79,531	34,150	4,841	38,991	118,522	179,456
Percentage ..	7'1	25'7	45'1	19'4	2'7	22'1	67'2	100'0

**PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED—continued.**

**III. WOOLLEN TRADE.**

**TABLE 154.—NUMBER OF GIRLS (HALF-TIMERS and YOUNG PERSONS) and SINGLE MARRIED, and WIDOWED WOMEN employed in 1894 in WOOLLEN SPINNING and MANUFACTURE in the PRINCIPAL DISTRICTS of YORKSHIRE and in LANCASHIRE and the WEST of ENGLAND, by Firms making RETURNS.**

*[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]*

Districts.	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Grand Total, Women and Girls.
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.			Total Women.	
				Married.	Widowed.	Total Married or Widowed.		
Leeds .. .. .	1	386	1,507	607	113	720	2,227	2,674
Neighbourhood of Leeds.	2	324	1,134	396	50	446	1,580	1,906
Halifax and neighbourhood	37	167	742	160	42	202	944	1,148
Dewsbury, Batley, and neighbourhood.	..	982	3,615	1,211	224	1,435	5,050	6,032
Huddersfield ..	5	191	789	236	86	322	1,111	1,307
Neighbourhood of Huddersfield.	19	224	884	237	54	291	1,175	1,418
Yeadon, Calverley, and neighbourhood.	6	155	423	119	36	155	580	741
Mirfield and neighbourhood.	2	138	410	146	28	174	584	724
Dobcross and neighbourhood.	21	106	360	73	19	91	451	578
Miscellaneous places in Yorkshire.	7	174	431	181	34	215	646	827
Total Yorkshire	100	2,847	10,355	3,365	663	4,028	14,408	17,355
Miscellaneous places in Lancashire.	74	184	493	149	55	204	697	965
West of England ..	26	333	737	548	101	649	1,376	1,735
Total .. .. .	200	3,364	11,575	4,062	844	4,906	16,481	20,045
Percentage ..	1'0	16'8	57'7	20'3	4'2	24'5	82'2	100'0



PROPORTION OF WOMEN TEXTILE WORKERS, MARRIED AND UNMARRIED—continued.

IV. AND V.—WORSTED AND MIXED WOOLLEN AND WORSTED TRADE.

TABLE 155.—NUMBER OF GIRLS (HALF-TIMERS and YOUNG PERSONS) and SINGLE, MARRIED, and WIDOWED WOMEN employed in 1894 in WORSTED, and in MIXED WOOLLEN and WORSTED SPINNING and MANUFACTURE respectively in the PRINCIPAL DISTRICTS of YORKSHIRE and LANCASHIRE by FIRMS making RETURNS.  
[Compiled from Report on the Statistics of Employment of Women and Girls by Labour Department of Board of Trade, C. 7564 of 1894.]

Districts.	Girls (under 18 Years of Age).		Women (18 Years of Age and upwards).					Grand Total, Women and Girls.
	Half-Timers.	Young Persons.	Un-married.	Married or Widowed.			Total Women.	
				Married.	Widowed.	Total Married or Widowed.		
IV. Worsted Trade.								
Keighley .. .. .	323	767	1,281	208	47	255	1,534	2,694
Neighbourhood of Keighley.	317	892	1,691	487	108	575	2,266	3,476
Shipley and North Bierley District.	343	1,152	2,031	553	100	653	2,684	4,179
Bradford .. .. .	1,091	3,451	6,069	1,727	381	2,108	8,177	12,719
Neighbourhood of Bradford.	275	1,165	2,593	691	141	832	3,425	4,865
Halifax .. .. .	690	1,779	2,993	421	116	537	3,530	5,999
Neighbourhood of Halifax.	541	1,592	2,110	215	48	263	2,373	4,506
Huddersfield .. .	31	375	517	69	28	97	614	1,020
Neighbourhood of Huddersfield.	46	352	752	115	16	131	883	1,281
Wakefield and Horbury	3	308	411	28	6	34	445	756
Dewsbury District ..	38	191	310	73	12	85	395	624
Leeds .. .. .	16	364	815	221	35	256	1,071	1,451
Skipton District .. .	46	145	243	79	16	95	338	529
Miscellaneous places in Yorkshire.	146	592	898	150	34	184	1,032	1,320
Total Yorkshire ..	3,906	13,125	22,714	5,015	1,088	6,103	23,617	45,848
Colne and Nelson ..	38	163	325	143	23	166	491	692
Total Yorkshire and Lancashire.	3,944	13,288	23,039	5,158	1,111	6,269	24,308	46,540
Percentage .. ..	8.5	28.5	49.5	11.1	2.4	13.5	63.0	100
V. Mixed Woollen and Worsted Trade.								
Leeds .. .. .	..	149	596	193	26	219	815	964
Other places in Yorkshire.	83	648	1,627	385	82	467	2,084	2,820
Leeds and other places in Yorkshire.	83	792	2,223	578	108	686	2,909	3,784
Percentage .. ..	2.2	20.9	58.8	15.3	2.8	18.1	76.9	100

BUILDING  
NUMBER OF SOCIETIES AND

TABLE 156.—NUMBER and AMOUNT of LIABILITIES of BUILDING SOCIETIES (Incorporated  
LIABILITIES and ASSETS to the REGISTRARS of FRIENDLY SOCIETIES

	1886.	1887.	1888.†	1890	1891.†	1893.
	ENGLAND AND WALES .. .. .					
Number of Societies making Returns.	1,992	2,109	2,157	2,333	2,262	2,158
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	33,929,716	34,902,341	34,705,963	34,031,541	33,345,012	29,710,729
To depositors and other creditors.	15,272,075	15,103,899	14,734,511	14,689,499	14,551,531	11,145,152
For balance of unappropriated profit.‡	1,875,420	1,727,759	1,778,349	1,861,325	1,816,459	1,827,390
Total Liabilities ..	59,877,211	51,733,999	51,218,823	50,582,365	49,713,002	42,683,271
	SCOTLAND .. .. .					
Number of Societies making Returns.	46	45	45	43	61	89
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	725,702	725,580	729,970	713,224	737,256	745,637
To depositors and other creditors.	242,549	221,313	242,198	238,939	208,704	220,788
For balance of unappropriated profit.‡	37,602	58,743	40,163	20,703	30,295	38,637
Total Liabilities ..	1,005,853	1,005,636	1,012,331	963,866	976,255	1,005,062
	IRELAND .. .. .					
Number of Societies making Returns.	41	43	44	46	59	50
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	699,970	685,594	680,816	552,034	647,698	576,730
To depositors and other creditors.	322,439	281,196	248,314	146,811	151,279	124,641
For balance of unappropriated profit.‡	34,402	53,790	33,399	32,964	50,457	31,837
Total Liabilities ..	1,056,811	1,020,580	962,529	731,809	849,434	733,208
	UNITED KINGDOM .. .. .					
Number of Societies making Returns.	2,079	2,197	2,246	2,422	2,382	2,297
Liabilities:—	£	£	£	£	£	£
On shares .. .. .	35,355,388	36,313,515	36,116,749	35,296,799	34,729,966	31,033,096
To depositors and other creditors.	15,837,063	15,066,408	15,225,023	15,065,249	14,911,514	11,490,581
For balance of unappropriated profit.‡	1,747,424	1,840,292	1,851,811	1,920,832	1,897,211	1,897,854
Total Liabilities ..	52,939,875	53,220,215	53,193,583	52,282,880	51,538,691	44,421,531

\* For the years 1886 to 1894 the figures in the Table are taken from returns compiled by the Registrar of Friendly Societies from the last accounts of the Building Societies received prior to the Order of the House of Commons in each year for the return. For the years 1895 to 1899 the figures are taken from the returns presented to the House of Commons pursuant to section 27 of the Building Societies Act, 1894.

SOCIETIES.  
AMOUNT OF LIABILITIES.

under the BUILDING SOCIETIES ACTS of 1874 and 1875), which made RETURNS of their  
in ENGLAND and WALES, SCOTLAND, and IRELAND.\*

1894.	1895.	1896.	1897.	1898.	1899.	—
.. .. . ENGLAND AND WALES.						
2,313	2,181	2,350	2,397	2,219	2,124	Number of Societies making Returns.
£	£	£	£	£	£	Liabilities:—
39,063,343	28,621,513	30,202,881	29,619,064	29,409,919	29,676,014	On shares.
10,448,329	10,212,662	10,933,267	10,802,210	10,989,826	11,249,863	To depositors and other creditors.
1,869,961	1,762,875	1,808,755	1,825,518	2,025,007	2,177,546	For balance of unappropriated profit.†
41,491,633	40,597,050	42,944,893	42,246,792	42,424,752	43,103,423	Total Liabilities.
.. .. . SCOTLAND.						
123	136	159	157	144	136	Number of Societies making Returns.
£	£	£	£	£	£	Liabilities:—
809,879	812,312	1,158,665	1,268,211	1,294,700	1,322,680	On shares.
194,274	128,767	208,952	255,555	227,105	262,959	To depositors and other creditors.
34,015	51,629	75,086	83,853	101,728	110,587	For balance of unappropriated profit.†
1,038,168	992,708	1,437,653	1,597,619	1,623,533	1,696,226	Total Liabilities.
.. .. . IRELAND.						
54	56	55	60	62	65	Number of Societies making Returns.
£	£	£	£	£	£	Liabilities:—
476,969	597,284	515,308	621,820	614,803	646,720	On shares.
42,151	117,910	40,088	156,917	207,174	235,395	To depositors and other creditors.
5,298	45,551	36,872	60,496	62,990	70,488	For balance of unappropriated profit.†
524,313	760,745	592,268	839,232	914,967	952,603	Total Liabilities.
.. .. . UNITED KINGDOM.						
2,390	2,373	2,564	2,514	2,425	2,325	Number of Societies making Returns.
£	£	£	£	£	£	Liabilities:—
30,370,981	30,031,109	31,876,854	31,499,095	31,349,422	31,645,414	On shares.
10,884,754	10,459,339	11,177,257	11,214,682	11,424,105	11,748,216	To depositors and other creditors.
1,909,269	1,880,055	1,920,463	1,969,866	2,189,725	2,358,621	For balance of unappropriated profit.†
43,064,114	42,350,503	44,974,574	44,683,643	44,963,252	45,752,251	Total Liabilities.

† Figures for 1889 and 1892 cannot be given. ‡ Including reserve funds.  
§ For the year 1895, returns received from Unincorporated Societies showed their liabilities to be £13,208,685; for 1896, £11,422,883; for 1897, £12,565,164; for 1898, £14,049,722; and for 1899, £15,024,257.

## SAVINGS BANKS IN RECEIPTS, PAYMENTS, AND

### I.—POST OFFICE SAVINGS BANKS.

TABLE 157.—TOTAL AMOUNTS RECEIVED from, and PAID to, DEPOSITORS in  
the POST OFFICE SAVINGS BANKS, and the AMOUNT DUE to DEPOSITORS  
at the end of each of the under-mentioned Years.

[Extracted from the Statistical Abstract for the United Kingdom.]

Years.		England and Wales.‡	Scotland.	Ireland.	United Kingdom.§
		£	£	£	£
1885	{ Received* .. ..	14,814,915	366,159	945,733	16,126,807
	{ Paid† .. ..	12,171,027	299,807	731,908	13,202,742
	{ Due to Depositors‡ ..	44,289,875	999,791	2,438,172	47,697,838
1886	{ Received* .. ..	15,463,426	384,935	1,018,081	16,866,442
	{ Paid† .. ..	13,636,813	299,952	753,178	13,689,943
	{ Due to Depositors‡ ..	47,116,488	1,064,774	2,703,075	50,874,337
1887	{ Received* .. ..	16,905,994	414,104	1,059,908	17,780,006
	{ Paid† .. ..	13,324,074	326,253	829,961	14,680,278
	{ Due to Depositors‡ ..	49,898,406	1,142,625	2,933,082	53,974,066
1888	{ Received* .. ..	18,743,829	450,057	1,191,178	20,385,064
	{ Paid† .. ..	14,572,033	340,214	890,488	15,802,735
	{ Due to Depositors‡ ..	54,070,204	1,252,468	3,233,722	58,556,394
1889	{ Received* .. ..	19,572,041	500,607	1,184,845	21,357,493
	{ Paid† .. ..	15,494,852	375,889	943,546	16,814,267
	{ Due to Depositors‡ ..	58,147,393	1,377,206	3,475,021	62,999,620
1890	{ Received* .. ..	20,769,803	558,307	1,215,937	22,544,047
	{ Paid† .. ..	16,485,202	438,429	977,229	17,900,860
	{ Due to Depositors‡ ..	62,421,994	1,499,084	3,713,729	67,634,807
1891	{ Received* .. ..	21,170,281	560,964	1,261,806	22,993,050
	{ Paid† .. ..	17,574,047	445,242	1,000,568	19,019,855
	{ Due to Depositors‡ ..	66,018,228	1,614,806	3,974,968	71,608,002
1892	{ Received* .. ..	22,653,366	635,287	1,302,651	24,591,294
	{ Paid† .. ..	18,798,013	481,227	1,068,977	20,346,217
	{ Due to Depositors‡ ..	69,873,571	1,768,866	4,210,642	75,853,079
1893	{ Received* .. ..	24,352,782	741,479	1,414,867	26,509,128
	{ Paid† .. ..	19,949,068	530,120	1,285,553	21,764,741
	{ Due to Depositors‡ ..	74,277,260	1,980,225	4,340,156	80,597,641
1894	{ Received* .. ..	29,602,953	988,234	1,894,185	32,485,352
	{ Paid† .. ..	21,919,841	638,445	1,228,641	23,786,927
	{ Due to Depositors‡ ..	81,980,572	2,330,014	4,975,880	89,286,466
1895	{ Received* .. ..	31,071,405	1,236,372	1,993,428	34,301,205
	{ Paid† .. ..	23,611,750	721,680	1,364,866	25,698,296
	{ Due to Depositors‡ ..	89,420,027	2,844,706	5,604,242	97,868,975
1896	{ Received* .. ..	35,177,703	1,420,754	2,120,537	38,718,994
	{ Paid† .. ..	26,068,652	851,675	1,571,001	28,490,328
	{ Due to Depositors‡ ..	98,531,078	3,413,785	6,153,778	108,098,641
1897	{ Received* .. ..	34,772,070	1,477,123	2,173,947	38,423,140
	{ Paid† .. ..	28,047,895	954,982	1,632,118	30,634,995
	{ Due to Depositors‡ ..	105,255,253	3,935,926	6,706,807	115,896,786
1898	{ Received* .. ..	36,382,192	1,566,930	2,251,020	40,200,142
	{ Paid† .. ..	30,132,440	1,068,523	1,731,866	32,952,829
	{ Due to Depositors‡ ..	111,505,005	4,414,333	7,224,761	123,144,099
1899	{ Received* .. ..	38,154,169	1,663,247	2,328,565	42,145,981
	{ Paid† .. ..	32,039,450	1,269,770	1,842,205	35,171,475
	{ Due to Depositors‡ ..	117,619,724	4,787,810	7,711,071	130,118,605

\* Including interest credited to depositors and dividends on stock held for depositors; deposits for immediate investment in stock and for purchase of annuities and insurances; sums credited in respect of stock sold for depositors, and in respect of payments under annuity and insurance contracts.

† Including withdrawals for investment in stock and for purchase of annuities and insurances; withdrawals consequent on sale of stock, of payments to annuitants and insureds and their representatives.

‡ Exclusive of Government Stock held for depositors.

§ Including Islands in the British Seas.

THE UNITED KINGDOM.  
AMOUNTS DUE TO DEPOSITORS.

II.—TRUSTEE SAVINGS BANKS.

TABLE 158.—TOTAL AMOUNTS RECEIVED and PAID by TRUSTEES of SAVINGS BANKS from and to DEPOSITORS in each of the under-mentioned Years, and the AMOUNT DUE to DEPOSITORS at the end of each Year.  
[Compiled from the Statistical Abstract for the United Kingdom.]

Years ended 30th November.	England.†	Wales.	Scotland.	Ireland.	United Kingdom.‡
	£	£	£	£	£
1885 .. { Received* .. ..	7,809,701	229,249	2,526,285	458,076	11,023,311
.. { Paid† .. .. ..	7,472,569	215,820	2,259,924	558,953	10,507,266
.. { Due to Depositors; ..	35,262,207	1,100,483	7,974,832	2,018,387	46,355,909
1886 .. { Received* .. ..	7,981,717	212,569	2,613,147	452,776	11,260,209
.. { Paid† .. .. ..	7,712,729	201,393	2,256,758	441,274	10,772,153
.. { Due to Depositors; ..	35,531,186	951,960	8,331,221	2,029,889	46,843,995
1887 .. { Received* .. ..	7,820,949	147,122	2,697,166	461,592	11,126,829
.. { Paid† .. .. ..	7,756,255	133,641	2,340,033	428,673	10,708,602
.. { Due to Depositors; ..	35,596,899	915,171	8,668,354	2,062,808	47,262,222
1888 .. { Received* .. ..	7,630,298	141,646	2,820,421	460,682	11,053,045
.. { Paid† .. .. ..	8,827,566	166,554	2,440,034	476,425	11,910,579
.. { Due to Depositors; ..	34,366,619	890,263	9,068,741	2,047,065	46,404,688
1889 .. { Received* .. ..	7,183,027	133,734	2,900,045	455,830	10,672,636
.. { Paid† .. .. ..	8,766,323	151,071	2,596,041	437,069	11,949,504
.. { Due to Depositors; ..	32,516,323	872,926	9,372,745	2,065,326	45,127,320
1890 .. { Received* .. ..	7,023,339	145,081	3,051,633	429,139	10,649,132
.. { Paid† .. .. ..	8,607,201	165,502	2,870,407	493,290	12,136,400
.. { Due to Depositors; ..	31,232,451	862,455	9,553,971	2,011,875	43,650,552
1891 .. { Received* .. ..	6,677,100	143,420	3,065,386	428,900	10,314,706
.. { Paid† .. .. ..	7,694,740	144,537	2,798,920	451,496	11,089,693
.. { Due to Depositors; ..	30,214,211	861,336	9,820,437	1,968,979	42,875,565
1892 .. { Received* .. ..	6,571,315	128,150	3,068,595	419,918	10,187,978
.. { Paid† .. .. ..	7,238,846	145,496	2,870,979	422,783	10,678,054
.. { Due to Depositors; ..	29,547,280	834,002	10,018,053	1,986,114	42,385,449
1893 .. { Received* .. ..	6,408,291	110,739	3,222,580	401,160	10,142,770
.. { Paid† .. .. ..	8,519,096	203,111	2,781,660	500,552	10,264,619
.. { Due to Depositors; ..	29,136,475	741,630	10,478,773	1,866,722	42,243,600
1894 .. { Received* .. ..	7,078,696	105,055	3,736,682	487,910	11,408,343
.. { Paid† .. .. ..	8,527,436	147,503	2,824,964	377,137	10,177,039
.. { Due to Depositors; ..	29,387,736	699,182	11,390,491	1,997,495	43,474,904
1895 .. { Received* .. ..	7,266,962	93,107	4,310,987	506,367	12,177,423
.. { Paid† .. .. ..	8,676,859	145,214	3,101,308	418,465	10,339,646
.. { Due to Depositors; ..	29,978,039	647,075	12,600,170	2,087,397	45,312,681
1896 .. { Received* .. ..	7,585,745	99,264	4,947,042	519,334	13,151,185
.. { Paid† .. .. ..	7,640,072	97,577	3,601,013	425,517	11,764,179
.. { Due to Depositors; ..	29,923,512	648,762	13,946,199	2,181,214	46,699,687
1897 .. { Received* .. ..	7,611,515	97,824	4,956,288	514,639	13,180,266
.. { Paid† .. .. ..	8,940,228	93,867	4,037,215	443,756	11,415,156
.. { Due to Depositors; ..	30,694,799	652,629	14,295,272	2,252,097	48,464,797
1898 .. { Received* .. ..	7,674,251	97,047	5,165,485	511,001	13,447,784
.. { Paid† .. .. ..	7,018,776	98,515	4,324,298	465,620	11,917,209
.. { Due to Depositors; ..	31,350,274	651,161	15,696,459	2,297,478	49,995,372
1899 .. { Received* .. ..	8,018,259	105,151	5,328,408	527,690	13,979,508
.. { Paid† .. .. ..	7,345,193	95,745	4,659,248	469,765	12,569,951
.. { Due to Depositors; ..	32,023,340	660,567	16,365,619	2,355,403	51,404,929

NOTE.—The amount due to Penny Banks, Charitable Institutions, and Friendly Societies included above was in—  
1885 .. .. . 2,978,316 | 143,993 | 207,376 | 44,100 | 3,373,785  
1899 .. .. . 2,599,164 | 78,475 | 515,903 | 77,090 | 3,070,572  
\* Including Interest and sums received for Government Stock sold for Depositors and also credit of dividends on Government Stock held for Depositors.  
† Including sums paid for Government Stock purchased for Depositors.  
‡ Exclusive of Government Stock held for Depositors. § Including Channel Islands

NUMBER OF ACCOUNTS OPEN.

I.—POST OFFICE SAVINGS BANKS.

TABLE 159.—NUMBER of ACCOUNTS REMAINING OPEN in POST OFFICE SAVINGS BANKS in the UNITED KINGDOM on 31st December in each of the under-mentioned Years.

[Extracted from the Statistical Abstract for the United Kingdom.]

Years.	England.*	Wales.	Scotland.	Ireland.	United Kingdom.*
1885 .. .. .	3,150,863	121,833	127,172	135,777	3,535,650
1886 .. .. .	3,331,567	130,788	131,873	147,193	3,731,421
1887 .. .. .	3,513,488	139,744	139,881	158,848	3,951,761
1888 .. .. .	3,750,048	150,286	148,268	172,305	4,220,927
1889 .. .. .	3,999,273	163,256	159,920	185,360	4,507,809
1890 .. .. .	4,456,086		172,438	198,790	4,827,314
1891 .. .. .	4,723,929		182,390	212,076	5,118,395
1892 .. .. .	5,027,431		199,062	225,823	5,452,316
1893 .. .. .	5,292,178		220,117	235,944	5,748,239
1894 .. .. .	5,610,032		238,881	259,870	6,108,783
1895 .. .. .	5,912,496		260,602	280,499	6,453,597
1896 .. .. .	6,276,493		263,566	301,976	6,862,035
1897 .. .. .	6,612,639		304,636	322,486	7,239,761
1898 .. .. .	6,980,995		327,437	342,070	7,650,502
1899 .. .. .	7,332,728		351,236	362,716	8,046,680

\* Including Islands in the British Seas.

II.—TRUSTEE SAVINGS BANKS.

TABLE 160.—NUMBER of ACCOUNTS REMAINING OPEN in TRUSTEE SAVINGS BANKS in the UNITED KINGDOM on 20th November in each of the under-mentioned Years.

[Extracted from the Statistical Abstract for the United Kingdom.]

Years.	England.*	Wales.	Scotland.	Ireland.	United Kingdom.*
1885 .. .. .	1,190,502	31,786	320,473	50,236	1,592,997
1886 .. .. .	1,187,726	27,389	325,914	49,775	1,590,804
1887 .. .. .	1,193,563	25,941	335,113	49,994	1,604,610
1888 .. .. .	1,158,739	25,439	346,126	49,242	1,579,546
1889 .. .. .	1,116,569	24,991	359,879	50,435	1,551,874
1890 .. .. .	1,069,069	24,120	372,920	49,613	1,535,782
1891 .. .. .	1,055,180	23,860	381,940	49,276	1,510,256
1892 .. .. .	1,041,544	23,480	387,891	49,005	1,501,920
1893 .. .. .	1,027,132	21,447	376,063	46,505	1,471,146
1894 .. .. .	1,018,071	20,175	385,190	47,510	1,470,946
1895 .. .. .	1,013,841	18,791	435,474	48,123	1,516,229
1896 .. .. .	998,256	18,543	430,194	48,911	1,495,903
1897 .. .. .	1,008,388	18,416	450,895	49,518	1,527,217
1898 .. .. .	1,027,166	18,342	468,714	49,725	1,563,947
1899 .. .. .	1,047,890	18,373	484,898	50,324	1,601,485

NOTE.—The number of accounts of Penny Banks, Charitable Institutions, and Friendly Societies included above was in—

1885 .. .. .	26,550	1,200	3,643	543	31,936
1899 .. .. .	23,349	605	7,472	684	31,110

\* Including Channel Islands.

## APPENDIX.

## PRINCIPAL BOARD OF TRADE PUBLICATIONS ON LABOUR QUESTIONS.

The following are among the principal Publications relating to Labour Questions, which have been published by the Board of Trade.

## MONTHLY JOURNAL.

The "LABOUR GAZETTE"—the Journal of the Labour Department of the Board of Trade—published on the 15th of each month, may be ordered through any newsagent, price 1d., or obtained direct from the Publishers, Messrs. Horace Marshall & Son, Temple House, Temple Avenue, London, E.C., at the rate of 2s. per annum for addresses in the United Kingdom, including postage.

## ANNUAL AND SPECIAL REPORTS.

These may all be obtained through any bookseller, or direct from Messrs. Eyre and Spottiswoode, East Harding Street, London, E.C. When ordering, the official number, given below, should be quoted.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom
<b>Abstract of Labour Statistics of the United Kingdom:—</b>		<i>s. d.</i>	<i>s. d.</i>
1893-4 ... ..	C.—7,565	0 9	1 0
1894-5 ... ..	C.—7,900	0 10½	1 1½
1895-6 ... ..	C.—8,230	1 0	1 3
1896-7 ... ..	C.—8,642	1 0	1 3
1897-8 ... ..	C.—9,011	0 11½	1 2½
1898-9 ... ..	Cd.—119	0 11½	1 2½
1899-1900 ... ..	Cd.—495	1 0	1 3
<b>Abstract of Foreign Labour Statistics:—</b> (1898-99)	C.—9,442	0 8	0 10½*
<b>Changes in Wages and Hours of Labour in the United Kingdom:—</b>			
1st Report on (1893) ... ..	C.—7,567	1 3	1 7
2nd " (1894) ... ..	C.—8,075	1 9	2 1
3rd " (1895) ... ..	C.—8,374	1 2	1 5
4th " (1896) ... ..	C.—8,444	1 6	1 10
5th " (1897) ... ..	C.—8,975	1 2½	1 5½
6th " (1898) ... ..	C.—9,434	1 5	1 9
7th " (1899) ... ..	Cd.—309	1 6	1 10
<b>Standard Piece Rates</b> (1893) ... ..	C.—7,567-I.	1 0	1 3
" " " (1900) ... ..	Cd.—144	1 4	1 8
<b>Standard Time Rates</b> (1893) ... ..	C.—7,567-II.	1 3	1 6
" " " (1900) ... ..	Cd.—317	0 11	1 2

\* Letter Post.

**APPENDIX—continued.**

**ANNUAL AND SPECIAL REPORTS—continued.**

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom
<b>Rates of Wages paid in the United Kingdom in 1886:—</b>		s d.	s. d.
Principal Textile Trades .. ...	C.—5,807	1 6	1 10
Minor " " .. ...	C.—6,161	0 9½	1 0*
Mines and Quarries ... ..	C.—6,455	1 0	1 3
By Local Authorities and Private Companies to Police, and to Workpeople employed on Roads, &c., and at Gas and Water Works.	C.—6,715	1 3	1 6
General Report† ... ..	C.—6,889	4 3	4 9
<b>Wages and Earnings of Agricultural Labourers in the United Kingdom.</b>	Cd.—346	3 4	3 8
<b>Weekly Hours of Labour in 1850, 1860, 1870, 1880, and 1890.</b>	H.C. 375, 1890	0 7½	0 9½*
<b>Conciliation (Trade Disputes) Act, 1896:—</b>			
1st Report of Proceedings under ... ..	C.—8,533	0 3	0 4*
2nd " " " " " " " "	H.C. 275, 1899	0 2	0 2½§
<b>Strikes and Lock-outs, 1st Report on (1888)</b>	C.—5,809	0 10	1 0½*
" " " " 2nd " " (1889)	C.—6,176	1 3	1 6
" " " " 3rd " " (1890)	C.—6,476	2. 11	3 4
" " " " 4th " " (1891)	C.—6,890	4 4	4 9
" " " " 5th " " (1892)	C.—7,403	3 3	3 8
" " " " 6th " " (1893)	C.—7,566	2 4	2 8
" " " " 7th " " (1894)	C.—7,901	2 9	3 1
" " " " 8th " " (1895)	C.—8,231	2 4	2 8
" " " " 9th " " (1896)	C.—8,643	1 2	1 5
" " " " 10th " " (1897)	C.—9,012	1 1	1 4
" " " " 11th " " (1898)	C.—9,437	0 10½	1 1½
" " " " 12th " " (1899)	Cd.—316	0 11	1 2
<b>Trade Unions, 1st Report on ... ..</b>	C.—5,104	0 7½	0 9½*
" " 2nd " (1887) ... ..	C.—5,505	2 5	2 9
" " 3rd " (1888) ... ..	C.—5,808	2 1½	2 5½
" " 4th " (1889 and 1890)	C.—6,475	5 1½	5 7½
" " 5th " (1891) ... ..	C.—6,990	2 4	2 8
" " 6th " (1892) ... ..	C.—7,436	2 8	3 0
" " 7th " (1893) ... ..	C.—7,808	2 3	2 7
" " 8th " (1894 and 1895)	C.—8,232	4 4	4 10
" " 9th " (1896) ... ..	C.—8,644	1 4	1 8
" " 10th " (1897) ... ..	C.—9,013	1 4½	1 8½
" " 11th " (1898) ... ..	C.—9,443	1 6½	1 10½
" " 12th " (1899) ... ..	Cd.—422	1 6½	1 10½

• **Letter Post.**

† Some of the figures in this volume relate to 1891 and 1892.  
§ Book Post.

**& Book Post.**



## APPENDIX—continued.

## ANNUAL AND SPECIAL REPORTS—continued.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom
Provision for Old Age Abroad ... ..	C.—9,414	s. d. 0 3	s. d. 0 4*
Profit-sharing, Report on (1894) ... ..	C.—7,458	0 10	1 1
"Gain-sharing," and certain other systems of Bonus on Production, Report on (1895).	C.—7,848	0 6½	0 8½*
Report on Contracts given out by Public Authorities to Associations of Workmen (1896).	C.—8,233	1 5	1 9
Cost of Production in relation to wages in certain Industries (1891).	C.—6,535	1 7	1 11
Women and Girls, Employment of :— Statistics of Employment of Women and Girls (1894).	C.—7,564	0 8	0 10½*
Changes in the Employment of Women and Girls in Industrial Centres (1898), Part I.	C.—8,794	0 6	0 8*
Money Wages of Domestic Servants .. ...	C.—9,346	0 3½	0 4½*
Employment of Children on leaving School (Upper Standards), Return of.	H.C. 23, 1899	0 6	0 8*
Unemployed, Report on the Agencies and Methods for dealing with the (1893).	C.—7,182	1 11	2 3
Alien Immigration :—			
Alien Immigration into United States (1893)	C.—7,113	1 7	1 11
Recent Immigration from Eastern Europe : Reports on the Volume and Effects of (1894).	C.—7,406	1 0	1 3
Directory of Industrial Associations ... ..	Cd.—120	0 7½	0 10*

\* Letter Post.

# SUBJECT INDEX TO TABLES

## IN

### ABSTRACT OF LABOUR STATISTICS.

	Page		Page
<b>A.</b>		<b>BARLEY, PRICES OF...</b> ... 93	
<b>ACCIDENTS, INDUSTRIAL:</b>		<b>BARLEY OR BEER, PRODUCTION OF</b> 73	
Notice of Accidents Act, Number reported under ...	172-3	<b>BEANS AND PEAS, PRODUCTION OF</b> 73	
Summary of ...	162-3	<b>BIRTHS</b> ... 181	
To Factory and Workshop Operatives ...	164	<b>BLAST FURNACES, RATES OF WAGES</b> ... 136-7	
To Factory Operatives in Non-Textile Factories ...	165	<b>BOOT AND SHOE FACTORIES, RATES OF WAGES IN</b> ... 149	
Textile Factories ...	166-7	<b>BOYS, OCCUPATIONS OF</b> ... 194-7, 200-3	
To Miners ...	168-9	— HALF-TIMERS IN TEXTILE TRADES, WAGES OF ... 161	
" Quarrymen ...	173	— IN VARIOUS INDUSTRIES, WAGES OF ... 134-5	
" Railway Servants ...	171	<b>BRASS FOUNDRIES, RATES OF WAGES</b> ... 138-9	
" Seamen ...	170	<b>BRASS WORK AND METAL WARES, MANUFACTURE OF, RATES OF WAGES</b> ... 150	
<b>ACTIONS AND PROSECUTIONS, INDUSTRIAL:</b>		<b>BREWERIES, RATES OF WAGES</b> ... 149	
Under Employers' Liability Act	176	<b>BRICKS, TILES, &amp;c., MANUFACTURE OF, RATES OF WAGES</b> ... 151	
" Factory and Workshop Acts ...	177	<b>BUILDING SOCIETIES, NUMBER AND LIABILITIES OF</b> ... 220-1	
" Merchant Shipping Acts	179		
" Mines Regulation Acts	178	<b>C.</b>	
" Quarries Act, 1894 ...	178	<b>CHANGES IN HOURS OF LABOUR</b> ... 116-7	
" Workmen's Compensation Act ...	176	<b>CHANGES IN RATES OF WAGES</b> 108-15	
<b>AGES OF THE PEOPLE</b> ...	190	<b>CHILDREN:</b>	
<b>AGRICULTURAL LABOURERS:</b>		Employments of, on leaving School... ... 210-3	
Changes in Rates of Wages of ...	112	Half-timers in Textile Factories, Wages of ... 161	
Wages and Earnings of ...	124-33	Number employed in Factories and Workshops ... 204-9	
<b>AGRICULTURE:</b>		Occupations of Children under 15 ... 200-3	
Acreage under Crops and Number of Live Stock ...	74-5	<b>CLAYS, PRODUCTION OF</b> ... 66	
Production of Crops ...	73	<b>CLOTHING TRADES, RATES OF WAGES</b> ... 148-9	
<b>ALIEN IMMIGRATION</b> ...	185	<b>CLUBS, WORKMEN'S</b> ... 51	
<b>ANTHRAX, CASES OF</b> ...	174-5	<b>COACH AND CARRIAGE BUILDING (INCLUDING VAN, CART, &amp;c., WORKS), RATES OF WAGES</b> ... 151	
<b>ARBITRATION. (See Conciliation and Arbitration.)</b>		<b>COAL AND COAL MINES. (See MINING.)</b>	
<b>ARSENIC POISONING, CASES OF</b> ...	174-5		
<b>ASSOCIATIONS OF EMPLOYERS</b> ...	24		
<b>B.</b>			
<b>BABY LINEN, &amp;c., TRADES, RATES OF WAGES</b> ...	148		
<b>BANKS:</b>			
Co-operative Credit ...	49		
Post Office Savings ...	222-4		
Trustee Savings ...	223-4		

	Page
CONCILIATION AND ARBITRATION :	
Disputes settled by ...	64
Work of Permanent Boards of	65
CONGRESSES, CO-OPERATIVE ...	50
TRADE UNION ...	23
COOPERAGE WORKS, RATES OF	
WAGES ...	150
CO-OPERATIVE SOCIETIES, WORK-	
MEN'S :	
Associations for Distribution	26-30
" " Production	31, 34-41
Congresses ...	50
Corn Milling ...	48
Credit Banks ...	49
Production by distributive	
Societies ...	31-3
Summary (Number, Member-	
ship, Capital, &c.) ...	25
Wholesale Societies—	
Distributive Departments ...	42-3
Manufacturing " ...	44-7
CORN (BRITISH), PRICES OF ...	93
COTTON INDUSTRY :	
Changes (Percentage) in Rates	
of Wages in Lancashire ...	114
Rates of Wages ...	142-3

## D.

DEATHS. (See also ACCIDENTS) ...	181
DISEASES OF OCCUPATIONS ...	174-5
DISPUTES, TRADE :	
Conciliation and Arbitration	
in settlement of ...	64
Grouped by :	
Causes ...	61
Districts ...	63
Duration ...	60
Results ...	62
Trades ...	60
Methods of Settlement of ...	62
Percentage of Working Popu-	
lation involved in ...	63
Workpeople affected by ...	60
DISTILLERIES, RATES OF WAGES ...	149
DOCK AND WHARF LABOUR IN	
LONDON ...	80-1
DRESSMAKING, RATES OF WAGES	148

## E.

"EIGHT HOURS" DAY, THE ...	116
EMIGRATION. (See also Immigration):	
Destination of Emigrants ...	182
Nationality " " ...	183

	Page
EMPLOYERS, ASSOCIATIONS OF ...	24
EMPLOYERS' LIABILITY ACT, AC-	
TIONS UNDER ...	176
EMPLOYMENT OF CHILDREN. (See	
CHILDREN.)	
EMPLOYMENT, FLUCTUATIONS IN :	
Coal Miners, Number em-	
ployed... ...	84
Coal Mines, Days worked in ...	85
Dock and Wharf Labour in	
London ...	80-1
Engineering Trade ...	78-9
Iron Mines, Days worked in ...	86
Trade Union Members Unemployed—	
All Trade Unions ...	76
Building Trades ...	76
Metal, &c., Trades ...	77
Printing and Bookbinding	
Trades ...	77
Women in Textile Trades ...	82-3
ENGINEERING AND MACHINERY	
WORKS, RATES OF WAGES ...	138-9
EXPORTS AND IMPORTS (GENERAL)	87
EXPORTS OF COAL ...	90-1
EXPORTS OF TEXTILES AND	
CLOTHING ...	88-9

## F.

FACTORY AND WORKSHOP ACTS,	
PROSECUTIONS UNDER ...	177
FACTORY AND WORKSHOP OPERA-	
TIVES :	
Accidents to ...	164
Number Employed ...	204-9
FACTORY OPERATIVES, ACCIDENTS	
TO :	
In Non-Textile Factories ...	165
In Textile " ...	166-7
FEDERATIONS OF :	
Trade Unions ...	20-21
Trades Councils ...	21
FLAX AND JUTE TRADES :	
Percentage Changes in Rates	
of Wages ...	115
FOUNDRIES, RATES OF WAGES ...	138-9
FRIENDLY SOCIETIES :	
Membership, Income, &c., of	
Fourteen Important So-	
cieties ...	54-9
Sickness and Mortality Expe-	
rience of ...	53
Summary (Number, Member-	
ship, Funds) ...	52

	Page		Page
<b>G.</b>		<b>L.</b>	
GIRLS, OCCUPATIONS OF ...	198-203	LABOUR BUREAUX ...	94-8
— IN TEXTILE TRADES, WAGES		LEAD ORE, PRODUCTION OF ...	66
OF ...	160-1	LEAD POISONING, CASES OF ...	174-5
— IN VARIOUS INDUSTRIES,		LINEN INDUSTRY, RATES OF	
WAGES OF ...	134-5	WAGES ...	146-7
		LUNATIC ASYLUM EMPLOYEES,	
		RATES OF WAGES ...	159
<b>H.</b>		<b>M.</b>	
HALF-TIME EMPLOYMENT:		MACHINERY WORKS, RATES OF	
In Factories and Work-		WAGES ...	138-9
shops ...	204-9	MANTLE MAKING, RATES OF	
Rates of Wages in Textile		WAGES ...	148
Trades ...	161	MANURE WORKS, CHEMICAL,	
HAY, PRODUCTION OF ..	73	RATES OF WAGES ...	151
HOPS, " " ...	3	MARRIAGES ...	181
HOSPITAL EMPLOYEES, RATES OF		MERCHANT SHIPPING ACTS, PRO-	
WAGES ...	158	SECUTIONS UNDER ...	179
HOURS OF LABOUR:		MERCURIAL POISONING, CASES OF	174-5
Changes in ...	116-7	MILLINERY TRADE, RATES OF	
"Eight Hours" Day ...	116	WAGES ...	148
In certain skilled trades in		MINING:	
large Towns, Trade Union	118-23	Accidents to Coal Miners ...	168
HOUSING OF THE PEOPLE:		" Metal " ...	169
Classification of Houses (Ire-		Changes (Percentage) in Coal	
land) ...	189	Miners' Wages ...	113
Classification of Tenements—		Days worked in Coal Mines ...	85
England and Wales ...	186	" " Iron Mines ...	86
Scotland ...	188	Exports of Coal ...	90-1
Overcrowded Tenements in		Number of Coal Miners ...	84
England and Wales ...	187	Production of Coal ...	66-7
		" Ironstone and	
		Iron Ore ...	66, 68
		" Other Minerals ...	66
		Prices of Coal and Iron ...	92
		Prosecutions under Mines	
		Regulation Acts ...	178
		Rates of Wages in Coal and	
		Iron Mines ...	140-1
<b>I.</b>		<b>N.</b>	
IMMIGRATION:		NURSES, &c., RATES OF WAGES:	
Aliens from Europe ...	185	Hospitals, Infirmarys, &c. ...	158
Balance of British and Irish		Lunatic Asylums ...	159
Passenger Movement ...	184		
Balance of Total Passenger			
Movement to and from			
United Kingdom ...	185		
From countries out of Europe	184		
IMPORTS AND EXPORTS ...	87		
IRON AND STEEL, PRODUCTION OF	70		
IRON FOUNDRIES, RATES OF			
WAGES ...	138-9		
IRON MINES. (See MINING.)			
IRON, PRICES OF ...	92		
<b>J.</b>		<b>O.</b>	
JUTE AND FLAX TRADES:		OATS:	
Percentage Changes in Rates		Prices of... ..	93
of Wages ...	115	Production of ...	73
		OCCUPATIONS OF THE PEOPLE:	
		Children under 15 ...	900-3
		Females—Proportion employed	
		in certain Occupations ...	198-9

	Page		Page
<b>OCCUPATIONS OF THE PEOPLE—cont.</b>		<b>PROFIT-SHARING :</b>	
Males—Proportion employed		Causes of Cessation of Schemes	107
in certain Occupations ...	194-7	Number of Schemes started and	
Summary of Classes of ...	191	in existence ...	105
" Groups of ...	192-3	Ratio of Bonus to Wages ...	107
<b>OIL SHALE, PRODUCTION OF</b> ...	66	Trades in which adopted ...	106
<b>OLD AGE, PROVISION FOR, BY</b>		<b>PROSECUTIONS, INDUSTRIAL (See</b>	
<b>TRADE UNIONS</b> ...	8-11	<b>ACTIONS AND PROSECUTIONS.)</b>	
<b>OVERCROWDED TENEMENTS IN</b>			
<b>ENGLAND AND WALES</b> ...	187		
		<b>Q.</b>	
<b>P.</b>		<b>QUARRYING :</b>	
<b>PAUPERISM :</b>		Accidents to Quarrymen ...	173
Classification of Paupers by		Prosecutions under Quarries	
Age—		Act, 1894 ...	178
England and Wales ...	103		
Ireland ...	104		
Number and Classes in receipt			
of Relief—		<b>R.</b>	
England and Wales ...	99	<b>RAILWAY CARRIAGE AND WAGON</b>	
Ireland ...	101	BUILDING, RATES OF WAGES ...	151
Scotland ...	100	<b>RAILWAY SERVANTS :</b>	
United Kingdom ...	102	Accidents to ...	171
<b>PHOSPHORUS POISONING, CASES OF</b> 174-5		Earnings of ...	110
<b>PIG IRON MANUFACTURE, RATES</b>		Rates of Wages... ..	152-5
<b>OF WAGES</b> ...	136-7		
<b>PIG IRON, PRICES OF</b> ...	92		
<b>PRODUCTION OF</b> ...	69		
<b>POPULATION, GROWTH AND MOVE-</b>		<b>S.</b>	
<b>MENT OF :</b>		<b>SAILORS, AGE DISTRIBUTION OF</b> ... 214	
Balance of Passenger Move-		<b>SALT, PRODUCTION OF</b> ... 66	
ment—		<b>SAVINGS BANKS :</b>	
British and Irish ...	184	Number of Accounts open—	
Total ...	185	Post Office ...	224
Births ...	181	Trustee ...	224
Deaths ...	181	Receipts, Payments, and Capital—	
Emigrants :		Post Office ...	222
Destinations ...	182	Trustee ...	223
Nationality ...	183	<b>SAW MILLS, RATES OF WAGES AT</b> 150	
Estimated Population... ..	180	<b>SEAMEN :</b>	
Immigrants :		Changes in Rates of Wages ...	111
From Countries out of Europe	184	• Employment of... ..	214-5
" Europe (aliens only) ...	185	Fatal Accidents to ...	170
Marriages ...	181	Nationalities of... ..	215
<b>POST OFFICE SAVINGS BANKS</b> 222, 224		Rates of Wages... ..	156-7
<b>POTATOES, PRODUCTION OF</b> ... 73		<b>SHIPBUILDING, RATES OF WAGES :</b>	
<b>PRICES :</b>		Iron and Steel ...	136-7
Coal and Iron ...	92	Wood ...	150
Corn ...	93	<b>SHIPBUILDING, TONNAGE OF VES-</b>	
<b>PRINTING AND ENGRAVING TRADE</b>		<b>SELS BUILT :</b>	
<b>(LARGE WORKS), RATES OF</b>		Merchant Service ...	71
<b>WAGES</b> ...	151	Royal Navy ...	72
<b>PRODUCTION :</b>		<b>SLATES AND SLABS, PRODUCTION</b>	
Agricultural ...	73-75	<b>OF</b> ...	66
By Workmen's Co-operative		<b>STEEL AND IRON, PRODUCTION OF</b> 70	
Societies ...	31-41, 44-8	<b>STRIKES AND LOCK-OUTS. (See</b>	
Mineral ...	66-8	<b>Disputes, Trade.)</b>	
Pig Iron... ..	69		
Shipbuilding ...	71-72		
Steel and Iron ...	70		

	Page		Page
<b>T.</b>		<b>V.</b>	
TAILORING TRADE (BESPOKE), RATES OF WAGES ... ..	149	VESSELS BUILT, TONNAGE OF:	
TENEMENTS, NUMBER OF OCCU- PANTS IN EACH CLASS OF:		Merchant Service ... ..	71
England and Wales ... ..	186	Royal Navy ... ..	72
Scotland ... ..	188		
TEXTILE FACTORIES:		<b>W.</b>	
Accidents to Operatives in ...	166-7	WAGES, RATES OF:	
Number of Persons employed in ... ..	204-9	Bonus paid by Profit-Sharing Firms, Ratio of, to Wages ...	107
Rates of Wages in ... ..	142-7	Changes in ... ..	108-15
Wages of Women, Girls, and Half-timers in ... ..	160-1	Percentage Changes in—	
Women, married and unmarried, in ... ..	216-9	Coal Miners' Wages ... ..	113
TEXTILE TRADES, EMPLOYMENT OF WOMEN IN ... ..	82-3	Cotton Operatives' Wages ...	114
TEXTILES AND CLOTHING, EX- PORTS OF ... ..	88-9	Flax and Jute Workers' Wages ... ..	115
TIN ORE, PRODUCTION OF ...	66	Principal Occupations, Average Rates for—	
TIN PLATE WORKS, RATES OF WAGES ... ..	150	Agricultural Labourers ...	124-83
TRADE DISPUTES. (See Disputes, Trade.)		Baby Linen, &c., Trades ...	148
TRADE UNIONS:		Boot and Shoe Factories ...	149
Congresses ... ..	23	Brass Work and Metal Wares, Manufacture of ...	150
Federations of ... ..	20, 21	Breweries ... ..	149
Members unemployed in—		Bricks, Tiles, &c., Manu- facture of ... ..	151
All Trade Unions ... ..	76	Coach and Carriage Build- ing (including Van, Cart, &c., Works) ... ..	151
Building Trades ... ..	76	Cooperage Works ... ..	150
Metal, &c. Trades ... ..	77	Cotton Industry ... ..	142-3
Printing and Bookbinding Trades ... ..	77	Distilleries ... ..	149
Membership, Income and Ex- penditure, Particulars of 1-7, 12-19		Dressmaking ... ..	148
Provision for Old Age by ...	8-11	Engineering and Machinery Works ... ..	138-9
Rates of Wages and Hours of Labour for certain Skilled Trades in Large Towns ...	118-23	Foundries ... ..	138-9
TRADES COUNCILS:		Hospital Employees ... ..	158
Federations of ... ..	21	Linen Industry ... ..	146-7
Number and Membership of ...	22	Lunatic Asylum Employees ...	159
TRUSTEE SAVINGS BANKS ...	223, 224	Machinery Works ... ..	138-9
TURNIPS, SWEDES AND MANGOLD, PRODUCTION OF ... ..	73	Mantle Making ... ..	148
		Manure Works, Chemical ...	151
		Millinery Trade ... ..	148
		Mines, Coal and Iron ... ..	140-1
		Nurses, Attendants, &c. ...	158-9
		Pig Iron Manufacture ...	136-7
		Printing and Engraving Trade (Large Works) ...	151
		Railway Carriage and Wagon Building ... ..	151
		Railway Servants ... ..	152-5
		Saw Mills ... ..	150
		Seamen ... ..	156-7
		Shipbuilding, Iron and Steel ... ..	136-7
		Shipbuilding, Wood ... ..	150
		Tailoring Trade (Bespoke) ...	149
		Textile Trades (Women and Girls) ... ..	160
		" (Half-timers) ... ..	161
		Tin Plate Works ... ..	150
		Woollen Industry ... ..	144-5
		Worsted Industry ... ..	146-7
<b>U.</b>			
UNEMPLOYED. THE. (See Employ- ment, Fluctuations in, and Labour Bureaux.)			

	Page		Page
WAGES, RATES OF— <i>cont.</i>		WOMENS' EMPLOYMENT BUREAUX,	
Summary of, for Various Industries ...	134-5	WORK OF ...	98
Trade Union, for certain skilled Trades in large Towns ...	118-23	WOOLLEN INDUSTRY, RATES OF WAGES ...	141-5
WHARVES, EMPLOYMENT AT LONDON ...	80-1	WORKMEN'S CLUBS:	
WHEAT:		Number and Membership of Clubs affiliated to Union ...	51
Prices of... ..	93	Number of Clubs registered under the Friendly Societies, &c., Acts ...	51
Production of ... ..	73	WORKMEN'S COMPENSATION ACT, ACTIONS UNDER ...	176
WOMEN:		WORSTED INDUSTRY, RATES OF WAGES ...	146-7
Employed in Factories and Workshops, Number of ...	204-7		
Employment of... ..	198-9		
In Textile Trades, Employment of ... ..	82-3		
Wages of ... ..	160		
In Various Industries, Wages of ... ..	134-5		
Married and Unmarried in Textile Factories, Proportion of ... ..	216-9		
		Z.	
		ZINC ORE, PRODUCTION OF ...	66

LONDON:  
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,  
By DARLING & SON, LLD., 34-40, BACON STREET, E.  
1901.



**ABSTRACT OF FOREIGN LABOUR STATISTICS.**

---

**BOARD OF TRADE (LABOUR DEPARTMENT).**

---

**SECOND**  
**ABSTRACT OF FOREIGN LABOUR**  
**STATISTICS.**

---

*Presented to both Houses of Parliament by Command of His Majesty.*

---



**LONDON:**  
**PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,**  
**By DARLING & SON, LTD., 34-40, BACON STREET, E.**

And to be purchased, either directly or through any Bookseller, from  
**EYRE & SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.**,  
and **32, ABINGDON STREET, WESTMINSTER, S.W.**;  
or **OLIVER & BOYD, EDINBURGH**;  
or **E. PONSONBY, 116, GRAFTON STREET, DUBLIN.**

**1901.**

[Cd. 720.] *Price 1s. 4½d.*

# CONTENTS.

	Page
Introduction ... ..	iii
Statistical Tables relating to:—	
Wages ... ..	1-124
Hours of Labour... ..	127-161
Trade Disputes ... ..	163-186
Conciliation and Arbitration ... ..	189-192
Trade Unions ... ..	195-215
Co-operation ... ..	217-240
Workmen's Insurance ... ..	243-286
(For detailed List see pp. v. to xi.)	
Subject Index to Tables ... ..	287-294
Index to Trades and Occupations dealt with in the Wages and Hours of Labour sections ... ..	295-322
Principal Board of Trade Publications on Labour Questions ... ..	323-325

## SECOND ABSTRACT OF FOREIGN LABOUR STATISTICS.

TO THE SECRETARY OF THE BOARD OF TRADE.

SIR,

I HAVE the honour to submit the second number of the Abstract of Foreign Labour Statistics, prepared in the Labour Department in continuation of the volume which was published in 1899. This series is intended to be supplementary to the Statistical Abstract for the Principal and other Foreign Countries which has been compiled for many years in the Commercial Department, and also as companion volumes to the Annual Abstract of Labour Statistics of the United Kingdom.

The subjects dealt with in the First Abstract were four in number, *viz.*, Wages, Hours of Labour, Trade Disputes and Co-operation. In the present volume, the whole of the figures given in the earlier number have, so far as practicable, been revised and brought up to date, and a large number of new Tables, compiled from information which has recently become available, have been added in relation to the subjects above mentioned. In addition, it has been found possible to include statistics with respect to three other matters of great importance in relation to Labour, namely, Conciliation and Arbitration, Trade Unions and Workmen's Insurance.

The First Number of the Abstract gave figures with regard to twelve countries in all—Russia, Norway, Sweden, Denmark, Germany, Holland, Belgium, France, Switzerland, Italy, Austria-Hungary, and the United States. In the new volume will also be found a Table setting forth in detail the wages obtaining in various occupations in Japan. Tables have also been added relating to the wages of Railway Servants and to Co-operative Societies in Russia, a country which in the earlier issue was represented by one Table only. Denmark is represented for the first time in the section treating of Co-operation and also in that relating to Trade Disputes. As regards the subjects treated for the first time in the present volume, three countries are dealt with as to Conciliation and Arbitration, seven as to Trade Unions, and four as to Workmen's Insurance. With regard to the last mentioned subject the Tables included extend to no less than forty-four pages, and it has been necessary, in order to save space, to confine the statistics to countries in which insurance is compulsory and contributions are exacted from workmen of employers, thus excluding some systems (*e.g.*, the Danish) or providing for old age or other contingencies.

In addition to a list of Tables at the beginning, and a subject-matter Index at the end of the report, a full Index to the various trades and occupations dealt with in the sections relating to wages and hours of labour has been compiled, which will, it is believed, considerably facilitate reference to the statistics on these subjects. The result of this revision and extension of the Abstract has been to increase its size to more than double that of its predecessor.

In the preparation of the Abstract it has been necessary to examine a very large amount of statistical matter, and great difficulties have attended the effort made throughout to secure uniformity in the presentation of the figures, which, so far as possible, have been re-classified on the lines adopted in the Reports relating to the Labour Statistics of the United Kingdom.

The methods of collecting information and of computing and presenting results adopted by the various authorities compiling the original statistics differ widely. No attempt has, therefore, been made to bring together in comparative Tables the information obtained from the various countries upon particular subjects, and great caution must be exercised in making comparisons between the figures for one country and another.

The sources of the information are stated at the foot of each Table; and the Department is greatly indebted to the various Statistical Authorities, Official Bureaux, and other organisations both for furnishing copies of their publications, and for the assistance, willingly given, in removing difficulties arising in the course of translation.

Although this Abstract presents in a concise form the principal details contained in available statistics, it can, of necessity, make no claim to supply information complete in all respects in regard to the subjects with which it deals. So far as they go, however, the figures set forth in the pages which follow will, it is hoped, be found useful, and their publication may in some measure help to secure a greater degree of uniformity and completeness in Labour Statistics.

I have, &c.,

A. E. BATEMAN.

Commercial, Labour, and Statistical  
Departments, Board of Trade,  
31st July, 1901.

---

## LIST OF TABLES IN ABSTRACT OF FOREIGN LABOUR STATISTICS.

No. of Table.	Wages.	Page
1. RUSSIAN EMPIRE.—RAILWAY SERVANTS.	Earnings per Day Worked .. ..	1
2. " " AGRICULTURAL LABOUR.	{ Annual Wages of Labourers engaged by the Year. Daily Wages of Labourers engaged by the Day, and Limits of Fluctuation of Daily Wages .. ..	2
3. NORWAY.—VARIOUS OCCUPATIONS ..	Average Earnings .. ..	4
4. " LUMBER AND WOOD TRADES	{ Daily Earnings of Timber Raftsmen, and Workmen in Wood Pulp and Cellulose Factories .. ..	7
5. SWEDEN.—AGRICULTURAL LABOUR ..	{ Yearly Wages; Wages paid for a Day's Work .. ..	8
6. " VARIOUS GROUPS OF TRADES.	{ Weekly Earnings .. ..	9
7. " BAKERS .. ..	Annual Earnings .. ..	11
8. DENMARK.—AGRICULTURAL LABOUR ..	{ Yearly Earnings of Farm-house Servants and Day Labourers .. ..	12
9. " VARIOUS TRADES .. ..	Weekly Earnings .. ..	13
10. " COPENHAGEN .. ..	{ Earnings (per Day for Time-workers, per Week for Piece-workers) in certain Trades .. ..	15
11. " GOVERNMENT WORKMEN	Daily Earnings .. ..	26
12. GERMAN EMPIRE.—SEAMEN .. ..	Monthly Rates .. ..	26
13. " " DAY LABOURERS ..	Current Rates .. ..	27
14. " " PRUSSIA AND HESSE.—STATE RAILWAYS.	{ Earnings per Day Worked .. ..	29
15. " " PRUSSIA.—MINERS	Annual Earnings .. ..	30
16. " " " " "	Annual Earnings in each District .. ..	31
17. " " WURTEMBERG ..	{ Earnings per Day Worked in certain Trades .. ..	33
18. " " STATE RAILWAYS	{ Yearly Earnings .. ..	34
19. " " BADEN .. ..	Weekly Earnings in Factories .. ..	35
20. " " HAMBURG.—DOCK LABOUR.	{ Wages paid in Year, and Earnings per Day Worked .. ..	37
21. " " ALTONA .. ..	{ Earnings for a Day's Work in certain Trades .. ..	37
22. " " MANNHEIM (BADEN).	{ Weekly Earnings in certain Trades .. ..	40
23. HOLLAND.—GOVERNMENT CONTRACTS ..	Average Wages .. ..	41
24. BELGIUM.—AGRICULTURAL LABOUR ..	Daily Wages .. ..	42
25. " INDUSTRIAL CENTRES ..	Daily Earnings .. ..	42
26. " PUBLIC CONTRACTS ..	Minimum Wages required to be Paid .. ..	53
27. FRANCE.—GENERAL SUMMARY ..	{ Earnings per Day Worked, and during Year .. ..	55
28. " VARIOUS OCCUPATIONS ..	Hourly Earnings .. ..	57
29. " AGRICULTURAL LABOUR ..	{ Daily Wages of Day Labourers and Market Gardeners, and Yearly Wages of Farm Servants .. ..	63
30. " COAL MINES .. ..	Daily and Yearly Earnings .. ..	64
31. " GOVERNMENT FACTORIES.	{ MATCH } Hourly Earnings .. ..	65

No. of Table.		Wages—continued.	Page
3.	FRANCE.—GOVERNMENT FACTORIES.	TOBACCO } Hourly Earnings .. .. .	65
38.	" RAILWAYS .. .. .	{ Monthly Earnings (by the Month) and Hourly Earnings (by the Day or Hour, or on Piece-wage) .. .. .	66
34.	SWITZERLAND.—PRINCIPAL TRADES ..	{ Daily Earnings in First Factory In- spection District .. .. .	67
35.	" RAILWAYS .. .. .	{ Annual Earnings for Permanent Staff, Weekly Wages for other Classes .. .. .	71
36.	ITALY.—COAL, METAL, &C., MINES ..	Daily Earnings .. .. .	75
37.	" SILK MANUFACTURE .. .. .	" .. .. .	75
38.	AUSTRIA-HUNGARY.—AUSTRIAN MINES	Daily Earnings .. .. .	77
39.	" " AUSTRIAN BLAST- FURNACES.	" .. .. .	79
40.	" " REICHENBERG DISTRICT (NORTHERN BOHEMIA).	{ Weekly Earnings .. .. .	81
41.	" " AUSTRIAN GO- VERNMENT TOBACCO FAC- TORIES.	" .. .. .	83
42.	" " BRÜNN (MORA- VIA), ENGI- NEERING WORKS.	{ Yearly Earnings .. .. .	83
43.	" " " " " " " "	Hourly Earnings .. .. .	84
44.	" " HUNGARIAN AG- RICULTURAL LABOUR, 1895.	{ Daily Wages .. .. .	85
45.	" " HUNGARIAN AG- RICULTURAL LABOUR, 1896-98.	" .. .. .	85
46.	UNITED STATES.—AGRICULTURAL LA- BOUR, 1879-92.	{ Wages per Month (by Year or Season) in different Sections .. .. .	86
47.	" " AGRICULTURAL LA- BOUR, 1893-96.	{ Wages per Month, Day Wages in, and outside of Harvest in certain States..	87
48.	" " AGRICULTURAL LA- BOUR.	{ Wages per Month (by Year or Season), Day Wages in Harvest, Day Wages for Ordinary Transient Service in each State and Territory .. .. .	89
49.	" " RAILWAYS, 1888-89 ..	Hourly Earnings .. .. .	95
50.	" " RAILWAYS, 1892-99 ..	Earnings per Day Worked .. .. .	96
51.	" " PRINCIPAL CITIES ..	Daily Wages in various Occupations ..	97
52.	" " NEW YORK STATE..	{ Wages per Day in various Occupations in Principal Cities .. .. .	103
53.	" " MASSACHUSETTS ..	Yearly Earnings .. .. .	105
54.	" " " " " "	Weekly .. .. .	111
55.	" " " " " "	Earnings for a Full Week's Work ..	115
56.	" " CONNECTICUT.—BA- KERS.	{ Weekly Wages .. .. .	119
57.	" " CONNECTICUT.— PRINCIPAL TRADES.	{ Yearly and Hourly Earnings .. .. .	120
58.	JAPAN.—VARIOUS OCCUPATIONS ..	Daily Wages .. .. .	121

## Hours of Labour.

59.	NORWAY.—BOOK PRINTERS .. .. .	{ Length of Working Day in Vestland and Nordenfjeld Factory Inspection District .. .. .	127
60.	SWEDEN.—BAKERS .. .. .	Weekly Hours .. .. .	127
61.	" VARIOUS TRADES .. .. .	Length of Working Day .. .. .	128
62.	DENMARK.—COPENHAGEN .. .. .	" .. .. .	129
63.	" GOVERNMENT WORKMEN .. .. .	" .. .. .	133

## vii

No. of Table.		Page
	<b>Hours of Labour—continued.</b>	
64.	GERMAN EMPIRE.—BAKERS AND CON- FECTIONEERS. } Daily Hours .. .. .	134
65.	" " PRUSSIA.—MINERS. Length of Shift .. .. .	135
66.	" " STATE RAILWAYS, 1897. Length of Working Day .. .. .	138
67.	" " PRUSSIA AND HESSE.—STATE RAILWAYS, 1898, 1899. } " " " " .. .. .	139
68.	" " WURTEMBERG.—VARIOUS TRADES. } " " " " .. .. .	141
69.	" " HAMBURG.—DOCKS " " " " .. .. .	141
70.	" " COLOGNE DISTRICT.—FACTORIES. } " " " " .. .. .	143
71.	HOLLAND.—FACTORIES AND WORK-SHOPS, 1888-89. } " " " " .. .. .	145
72.	" FACTORIES AND WORK-SHOPS, 1897-98. } " " " " .. .. .	147
73.	" GOVERNMENT CONTRACTS. " " " " .. .. .	149
74.	BELGIUM.—INDUSTRIAL CENTRES .. " " " " .. .. .	150
75.	FRANCE.—VARIOUS TRADES .. .. " " " " .. .. .	152
76.	" COAL MINES .. .. { Hours of Employment, and of Actual Work .. .. .	156
77.	SWITZERLAND.—FACTORIES .. .. Length of Working Week .. .. .	157
78.	ITALY.—SILK MANUFACTURE .. .. Length of Working Day .. .. .	158
79.	UNITED STATES.—NEW YORK STATE .. { Weekly Working Time in certain Principal Cities .. .. .	158
80.	" " NEW YORK STATE.—BAKERS. } Weekly Hours .. .. .	160
81.	" " CONNECTICUT.—BAKERS Daily Hours .. .. .	160
82.	" " PHIN-CIPAL TRADES. } Weekly Hours .. .. .	161

## Trade Disputes.

83.	SWEDEN.—NUMBER AND DURATION ..	{	Number of Disputes, and of Work-people who took part, and Duration in Working Days .. .. .	163
84.	DENMARK.—NUMBER AND DURATION	{	Number of Disputes, and of Work-people who took part, and Duration in Working Days .. .. .	164
85.	" GROUPED BY CAUSES ..	{	Number of Disputes, grouped according to Principal Causes or Objects ..	164
86.	" GROUPED BY TRADES ..	{	Number of Disputes, and of Work-people who took part, and Duration in Working Days, by Trades .. ..	165
87.	GERMAN EMPIRE.—GROUPED BY TRADES, 1892-98.	{	Number of Disputes, and of Work-people who took part, by Trades ..	166
88.	" " RESULTS, 1892-98	{	Percentage of Disputes, grouped according to Results .. .. .	166
89.	" " GROUPED BY TRADES, 1899.	{	Number of Disputes, and of Work-people affected, by Trades .. ..	167
90.	" " CAUSES AND RESULTS, 1899.	{	Number of Disputes, grouped according to Causes or Objects, and Percentage of Disputes, grouped according to Results .. .. .	167
91.	" " BAVARIA.—NUMBER AND RESULTS.	{	Number of Disputes, and of Work-people who took part, and Results ..	168
92.	" " BAVARIA. — GROUPED BY TRADES.	{	Number of Disputes, and of Work-people who took part, by Trades ..	168
93.	FRANCE.—GROUPED BY TRADES ..	{	Number of Disputes, and of Work-people who took part, by Trades ..	169
94.	" " DURATION .. .. .	{	Duration of Disputes in Working Days, by Trades .. .. .	169
95.	FRANCE.—CAUSES .. .. .	{	Causes or Objects of Disputes, and Number of Workpeople who took part .. .. .	171

No. of  
Table.

Page

Trade Disputes—*continued*.

96. FRANCE.—RESULTS .. .. .	{ Percentage of Workpeople who took part in Disputes, grouped according to Results .. .. .	171
97. ITALY.—GROUPED BY TRADES .. .. .	{ Number of Strikes, and Number of Workpeople affected, by Trades .. .. .	173
98. " DURATION .. .. .	{ Duration of Strikes in Working Days, by Trades .. .. .	175
99. " CAUSES .. .. .	{ Principal Causes or Objects of Strikes, and Number of Workpeople who took part .. .. .	175
100. " RESULTS .. .. .	{ Percentage of Workpeople who took part in Strikes grouped according to Results .. .. .	175
101. AUSTRIA.—GROUPED BY TRADES .. .. .	{ Number of Strikes, and of Workpeople affected, by Trades .. .. .	177
102. " DURATION .. .. .	{ Duration of Strikes in Working Days, by Trades .. .. .	177
103. " OBJECTS .. .. .	{ Objects of Strikes, and Number of Workpeople who took part .. .. .	179
104. " RESULTS .. .. .	{ Percentage of Workpeople who took part in Strikes, grouped according to Results .. .. .	179
105. UNITED STATES.—NUMBER AND RESULTS.	{ Number of Disputes, and of Workpeople affected, and Results .. .. .	181
106. " " GROUPED BY TRADES.	{ Number of Workpeople, and of Establishments affected by Disputes, and Average Duration, by Trades .. .. .	183
107. " " DURATION .. .. .	{ Number of Establishments in which Disputes took place, and Average Duration .. .. .	183
108. " " CAUSES .. .. .	{ Principal Causes or Objects of Disputes, and Number of Establishments involved .. .. .	184
109. " " GROUPED BY STATES.	{ Number of Workpeople affected by Disputes, by States and Territories..	185

## Conciliation and Arbitration.

110. GERMAN EMPIRE.—INDUSTRIAL COURTS.	{ Number of Applications for Intervention of Industrial Courts, and Results of Intervention .. .. .	189
111. FRANCE.—LAW OF 1892 .. .. .	{ Number of Cases in which Law put into Operation, and of Disputes settled under Law .. .. .	190
112. UNITED STATES: MASSACHUSETTS.—STATE BOARD.	{ Cases submitted to Board, by Years. Industries and Results .. .. .	191

## Trade Unions.

113. DENMARK.—NUMBER, MEMBERSHIP, ETC., 1894, 1896.	{ Number and Membership, Income and Expenditure of Unions and Federations .. .. .	195
114. " NUMBER AND MEMBERSHIP, 1900.	{ Number and Membership of Unions .. .. .	195
115. " GROUPED BY TRADES .. .. .	{ Number and Membership, by Trades..	196
116. GERMAN EMPIRE.—GEWERKVEREINE —(HIRSCH-DUNC- KER UNIONS).	{ Number, Membership and Expenditure on certain Benefits.. .. .	196
117. " " GEWERKSCHAFTEN —(SOCIAL DEMO- CRATIC UNIONS).	{ Number, Membership, Income, Expenditure and Funds in Hand .. .. .	197
118. " " CHRISTIAN UNIONS	{ Number and Membership, by Trades..	198
119. HOLLAND.—GROUPED BY TRADES .. .. .	{ Number, by Trades.. .. .	198
120. FRANCE.—NUMBER AND MEMBERSHIP.	{ Number and Membership of Unions and Federations .. .. .	199
121. " GROUPED BY TRADES .. .. .	{ Number and Membership, by Trades..	199



## ix

Page

### Trade Unions—continued.

122.	FRANCE.—UNEMPLOYED BENEFIT	..	{	Number and Membership of Unions paying Unemployed Benefit, and Amount paid .. .. .	200
123.	SWITZERLAND.—GENERAL FEDERATION.		{	Number, Membership and Expenditure on certain Benefits of Unions affiliated to General Federation ..	301
124.	"	NUMBER AND MEMBERSHIP.	{	Number and Membership of Unions ..	202
125.	AUSTRIA-HUNGARY.—AUSTRIAN GUILDS.		{	Number and Membership .. ..	203
126.	"	AUSTRIAN UNIONS AND CLUBS, BY TRADES.	{	Number and Membership, by Trades..	203
127.	"	AUSTRIAN UNIONS AND CLUBS: RECEIPTS, ETC.	{	Receipts and Expenditure (other than on Dispute Pay) and Funds in Hand	205
128.	"	AUSTRIAN UNIONS AND CLUBS (TRADE UNION FEDERATION, VIENNA): EXPENDITURE.	{	Expenditure per Member on various Benefits and Working Expenses ..	207
129.	"	HUNGARIAN UNIONS, GROUPED BY TRADES.	{	Number and Membership, by Trades..	207
130.	UNITED STATES: NEW YORK STATE.—GROUPED BY TRADES.		{	Number and Membership, by Trades..	209
131.	"	NEW YORK STATE.—EXPENDITURE.	{	Expenditure per Member on Various Benefits .. .. .	212
132.	"	CONNECTICUT.—GROUPED BY TRADES.	{	Number and Membership, by Trades..	213
133.	"	CONNECTICUT.—RECEIPTS AND EXPENDITURE.	{	Number, Membership, Receipts and Expenditure of Unions paying Sick and Funeral Benefits .. .. .	214
134.	"	INDIANA.—NUMBER, MEMBERSHIP AND EXPENDITURE.	{	Number, Membership and Expenditure on Sick and Funeral Benefits ..	215

### Co-operation.

135.	RUSSIAN EMPIRE.—ASSOCIATIONS FOR DISTRIBUTION.	Capital, Sales, Profit and other Particulars relating to Associations ..	217
136.	" " CREDIT ASSOCIATIONS.	Number, Membership, Capital, Advances and other Particulars relating to Associations .. ..	217
137.	DENMARK.—NUMBER AND NATURE OF SOCIETIES.	Number, Membership and other Particulars relating to Societies of certain Classes .. ..	219
138.	GERMAN EMPIRE. — NUMBER AND NATURE OF SOCIETIES.	Number of Societies of each Class ..	221
139.	" " ASSOCIATIONS FOR DISTRIBUTION—SCHULZE-DELITZSCH.	Membership, Capital, Sales, Profit and other Particulars relating to Associations .. ..	221
140.	" " CREDIT ASSOCIATIONS—SCHULZE-DELITZSCH	Membership, Capital, Advances, Profit and other Particulars relating to Associations .. ..	223
141.	" " CREDIT ASSOCIATIONS—RAIFFEISEN.—NEUWIED.	Membership, Capital, Advances, Profit and other Particulars relating to Associations .. ..	223
142.	" " WURTEMBERG.—CREDIT ASSOCIATIONS—RAIFFEISEN.	Membership, Turn-over, Profit, Reserves and other Particulars relating to Associations .. ..	225
143.	" " ASSOCIATIONS FOR DISTRIBUTION (AGRICULTURAL SUPPLY)—DARNSTADT.	Membership, Capital, Sales, Profit and other Particulars relating to Associations .. ..	225

## Co-operation—continued.

144. GERMAN EMPIRE.—DAIRY ASSOCIATIONS—DARMSTADT.	{ Membership, Capital, Sales, Profit and other Particulars relating to Associations .. .. .	227
145. " CREDIT ASSOCIATIONS—DARMSTADT.	{ Membership, Capital, Advances, Profit and other Particulars relating to Associations .. .. .	227
146. HOLLAND.—NUMBER AND NATURE OF SOCIETIES.	{ Number of Societies of each Class ..	229
147. " ASSOCIATIONS FOR DISTRIBUTION (NETHERLANDS FEDERATION).	{ Number of Associations, and Value of Goods purchased from all Sources and through Commercial Chamber of Federation .. .. .	229
148. BELGIUM.—NUMBER OF SOCIETIES ..		230
149. " AGRICULTURAL SUPPLY (MATERIALS) ASSOCIATIONS.	{ Number and Membership of, and Purchases by Associations .. .. .	230
150. " DAIRY ASSOCIATIONS ..	{ Number, Membership and Sales of Associations .. .. .	230
151. " DISTILLERY ASSOCIATIONS	{ Number, Membership, Share Capital, and Sales of Associations .. .. .	231
152. " PEOPLE'S BANKS ..	{ Number, Membership, Capital, Advances and Profit of Banks .. .. .	231
153. " CREDIT ASSOCIATIONS.—RAIFFEISEN.	{ Number, Membership, Capital, Advances, and other Particulars relating to Associations .. .. .	231
154. FRANCE.—ASSOCIATIONS FOR DISTRIBUTION.	{ Number and Membership of Associations .. .. .	232
155. " AGRICULTURAL ASSOCIATIONS.	{ Number and Membership of Associations and Federations .. .. .	232
156. " ASSOCIATIONS FOR PRODUCTION: BAKERIES.	{ Number and Membership of Associations .. .. .	232
157. " ASSOCIATIONS FOR PRODUCTION (OTHER THAN BAKERIES), 1895.	{ Number of Associations, Membership, Capital, Business done, Profit earned, and Division of Profit and Number and Wages of Employees .. .. .	233
158. " ASSOCIATIONS FOR PRODUCTION (OTHER THAN BAKERIES), 1900.	{ Number of Associations, Membership and Number of Employees .. .. .	234
159. SWITZERLAND.—NUMBER AND NATURE OF SOCIETIES.	{ Number of Societies of each Class ..	234
160. " ASSOCIATIONS FOR DISTRIBUTION.	{ Number, Membership, Capital and Sales of Associations .. .. .	234
161. ITALY.—PEOPLE'S BANKS ..	{ Number, Capital, Deposits, Advances and other Particulars relating to Banks .. .. .	235
162. " SOCIETIES OTHER THAN PEOPLE'S BANKS.	{ Number, Membership and Capital of Societies of each Class .. .. .	235
163. AUSTRIA - HUNGARY. — AUSTRIA. — NUMBER AND NATURE OF SOCIETIES.	{ Number of Societies of each Class ..	237
164. " AUSTRIA. — ASSOCIATIONS FOR DISTRIBUTION (REGISTERED).	{ Number, Membership, Capital, Sales and Profit of Associations .. .. .	237
165. " AUSTRIA. — ASSOCIATIONS FOR PRODUCTION (REGISTERED).	{ Number, Membership, Capital, Sales and Profit of Associations .. .. .	237
166. " AUSTRIA. — CREDIT ASSOCIATIONS (REGISTERED).	{ Number, Membership, Capital, Advances and Profit of Associations of all Classes .. .. .	238
167. " AUSTRIA. — CREDIT ASSOCIATIONS (REGISTERED.—RAIFFEISEN).	{ Number, Membership, Capital, Advances and Profit of Associations .. .. .	239
168. " HUNGARY.—CREDIT ASSOCIATIONS.	{ Number, Capital, Advances and Profit of Associations .. .. .	240

LIST OF TABLES.

xi

No. of Table.		Page
<b>Workmen's Insurance.</b>		
169.	GERMAN EMPIRE.—SICKNESS INSURANCE.	{ Number Insured, Number of Cases and Days of Sickness, Receipts, Expenditure and Balances .. .. . 243
170.	" " ACCIDENT INSURANCE (GENERAL SUMMARY).	{ Number Insured, Number Compensated, Expenditure and Reserve Funds .. .. . 245
171.	" " ACCIDENT INSURANCE BY TRADES.	{ Number Insured and Number Compensated, by Trades .. .. . 247
172.	" " OLD AGE AND INVALIDITY INSURANCE.	{ Amount of Pensions, &c., and Average Value of Pensions, Receipts, Expenditure, Property and Liabilities .. 257
173.	BELGIUM.—MINERS' ACCIDENT, SICKNESS, INVALIDITY AND OLD AGE INSURANCE.	{ Number Insured, Receipts, Expenditure, Liabilities and Properties .. 259
174.	" SEAMEN'S ACCIDENT, SICKNESS AND OLD AGE INSURANCE.	{ Number Contributing, Number drawing Pensions, Receipts, Expenditure and Property .. .. . 261
175.	FRANCE.—MINERS' SICKNESS AND INVALIDITY INSURANCE.	{ Number Insured, Number of Cases and Days of Sickness, and Cases of Death, Receipts, Expenditure and Reserves 262
176.	" SEAMEN'S OLD AGE INSURANCE.	{ Number in Receipt of Pensions, Amount of Pensions paid and Average Value of Pension .. .. . 264
177.	AUSTRIA-HUNGARY.—AUSTRIAN SICKNESS INSURANCE.	{ Number Insured, Number of Cases and Days of Sickness, Receipts and Expenditure .. .. . 266
178.	" " AUSTRIAN ACCIDENT INSURANCE (GENERAL SUMMARY).	{ Number Insured, Number who met with Accidents, Receipts and Expenditure .. .. . 267
179.	" " AUSTRIAN ACCIDENT INSURANCE, BY TRADES.	{ Number Insured and Number who met with Accidents .. .. . 271
180.	" " AUSTRIAN MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE, 1884-91.	{ Number Insured, Number in Receipt of Pensions, Number of Cases and Days of Sickness, and Cases of Permanent Disablement and Death, Receipts, Expenditure and Property 281
181.	" " AUSTRIAN MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE, 1892-98.	{ Number Insured, Number in Receipt of Pensions, Number of Cases of Permanent Disablement and Death, and Cases and Days of Sickness, Receipts, Expenditure and Property .. 282
182.	" " HUNGARIAN SICKNESS INSURANCE.	{ Number Insured, Receipts and Expenditure .. .. . 286



---

**WAGES.**

---

# WAGES IN RUSSIAN EMPIRE.

## RAILWAY SERVANTS.(a)

TABLE 1.—AVERAGE EARNINGS per DAY WORKED of certain CLASSES of RAILWAY SERVANTS in RUSSIA.

Year.	Average Earnings <sup>(b)</sup> per Day Worked of Railway Servants.								
	PERMANENT WAY AND CONSTRUCTION DEPARTMENT.			LOCOMOTIVE, CARRIAGE, AND WAGGON DEPARTMENT.			TRAFFIC DEPARTMENT.		
	Servants not on Permanent Staff.			Servants not on Permanent Staff.			Servants not on Permanent Staff.		
	Servants on Permanent Staff.	Servants other than Day Labourers.	Day Labourers.	Servants on Permanent Staff.	Servants other than Day Labourers.	Day Labourers.	Servants on Permanent Staff.	Servants other than Day Labourers.	Day Labourers.
1881	s. d. 0 11½	s. d. 0 11½	s. d. 1 0½	s. d. 3 3½	s. d. 1 7	s. d. 2 0½	s. d. 1 11½	s. d. 0 9½	s. d. 1 5½
1885	0 11½	0 11½	1 1½	3 0½	1 9	2 1	1 11½	1 1	1 7½
1886	1 0	0 10½	1 1	3 3½	1 5	2 0½	1 11½	1 2½	1 5½
1887	1 0	0 11	1 0½	3 4	1 2½	2 1½	1 11½	1 3	1 3½
1888	0 11½	0 11½	1 1	3 4½	1 5½	2 1	1 11	1 2	1 3½
1889	1 0	0 11	1 1	3 3	1 2½	2 0½	1 11½	1 3½	1 2½
1890	1 0	0 10½	1 1	3 4½	1 4½	2 0½	1 10½	1 1½	1 3½
1891	1 0½	0 11½	1 0½	3 3½	1 3½	2 0½	1 11½	1 3	1 5½
1892	1 0	0 11½	1 0½	3 4	1 6	2 0½	2 0½	1 2	1 8½
1893	1 0½	0 11½	1 0½	3 4	1 3	2 0½	1 11½	1 3½	1 4
1894	1 0½	1 0½	1 0½	3 6½	1 7½	2 0½	1 11½	1 3½	1 4½
1895	1 0½	0 11½	1 0½	3 5½	1 1½	2 0½	1 11½	1 3	1 3
1896	1 0½	0 11	1 0½	3 4½	1 3½	2 0½	2 0	1 3½	1 1½
1897	1 1	1 0½	1 1½	3 7	1 3½	2 1½	2 1½	1 3½	1 2½

(a) Compiled from *Statisticheski Sbornik Ministerstva Puti So-obshchestveny: Svyedeniya o Zhelyeznykh Dorogakh za 1897 g.*, published by the Statistical and Cartographic Department of the Russian Ministry of Ways of Communication. The figures do not include the Transcasian railways or those of Finland.

The total number of persons employed on the railways referred to in the table in 1897 was as under:—

Branch of Railway Service.	Railways worked by		
	State.	Private Companies.	Total.
Central and Local Administrations (general management, offices, and stations).	19,024	8,921	27,945
Permanent Way and Construction Department.	98,945	53,704	152,649
Locomotive, Carriage, and Wagon Department (including persons employed in workshops).	81,991	38,541	120,532
Traffic Department (in which are included signalmen, officers at custom-house, stations, and luggage and goods porters).	77,620	35,406	113,026
Total .. .. .	277,580	136,572	414,152

(b) The earnings stated in the table include all premiums and allowances forming part of the regular remuneration of the employees referred to. The figures as to each of the departments comprised in the table include the heads of these departments, their assistants, and office staff.

## AGRICULTURAL LABOUR.(a)

TABLE 2.—AVERAGE ANNUAL WAGES paid to AGRICULTURAL LABOURERS in RUSSIA engaged by the YEAR, and AVERAGE DAILY WAGES paid to such LABOURERS engaged by the DAY, with the LIMITS of the FLUCTUATION (as between one Year and another) of such AVERAGE DAILY WAGES.

Government.	Average Annual Wages of Adult Workpeople engaged by the Year.		Average Daily Wages of Workmen engaged by the Day, and Limits of the Yearly Fluctuation of such Average Wages.								
	Men.	Women.	During Spring Sowing.			During Haymaking.			During Harvest of Cereals.		
			Average Wages.	Limits of Fluctuation.		Average Wages.	Limits of Fluctuation.		Average Wages.	Limits of Fluctuation.	
1. SOUTHERN STEPPE.	£ s. d.	£ s. d.	£ s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Bessarabia ..	8 10 0	4 0 0	1 0½	8½-1	4½	1 3½	10½-1	8½	1 8½	1 4½-2	4½
Kherson ..	8 0 0	4 6 0	9½	8½-1	4½	1 2	10½-1	9½	2 6½	1 3½-5	0
Taurida ..	10 8 0	5 8 0	1 1	1 0-1	2½	2 0½	1 10½-2	2½	2 7½	1 7½-5	6
Ekaterinoslav	8 8 0	4 8 0	9½	8½-1	2½	1 3½	1 0-1	9½	2 1½	1 2½-5	7½
Don region ..	9 0 0	4 8 0	1 0	8½-1	4½	1 4½	7½-3	0	2 5½	1 6-4	7½
2. SOUTH WESTERN.											
Kiev ..	5 2 0	2 10 0	8	6-	8½	1 0½	10½-1	3½	1 1½	10½-1	4½
Podolia ..	4 8 0	3 6 0	7½	6½-	8½	1 0	9½-1	3½	1 2	1 0-1	6
Volhynia ..	3 0 0	2 1½ 0	7½	7½-	8½	11	9½-1	0	11½	10½-1	0
3. LITTLE RUSSIA.											
Kharkov ..	6 6 0	3 12 0	8½	7½-	9½	1 1½	1 0-1	3½	1 6½	1 1½-2	6
Poltava ..	6 0 0	3 12 0	8	7½-	8½	11½	10½-1	0	1 3	1 0-1	9½
Chernigov ..	5 0 0	3 0 0	8½	7½-	9½	1 2½	1 1½-1	6	1 0½	10½-1	2½
4. CENTRAL AGRICULTURAL.											
Voronezh ..	5 14 0	3 10 0	8½	7½-	9½	1 1½	1 0-1	4½	1 4½	10½-1	10½
Kurok ..	5 10 0	3 2 0	8½	7½-	9½	1 0½	10½-1	9½	1 3½	1 1½-1	7½
Orel ..	4 18 0	2 14 0	8	7½-	9½	11	10½-1	0	11½	10½-1	3½
Tula ..	5 2 0	2 14 0	9	7½-	9½	1 1	1 0-1	9½	1 2½	1 0-1	4½
Ryazan ..	5 2 0	2 16 0	9	8½-	9½	1 1½	1 0-1	9½	1 3	10½-1	4½
Tambov ..	5 8 0	3 4 0	8	7½-	9	1 0	10½-1	1½	..	1 1½-1	9½
5. CENTRAL VOLGA.											
Simbirsk ..	5 12 0	3 4 0	8½	8½-	9½	1 1½	1 0-1	3½	1 1½	9½-1	6
Saratov ..	6 12 0	3 14 0	9½	8½-1	0	1 2	1 0-1	6	1 3½	1 0-2	2½
Penza ..	5 4 0	2 14 0	7½	7½-	8½	1 0	10½-1	1½	11½	9½-1	2½
Kazan ..	4 16 0	2 18 0	8½	8½-	9½	1 0½	1 0-1	9½	11½	9½-1	2½
Nizhnyi-Novgorod.	5 14 0	3 0 0	10	8½-	10½	1 3	1 1½-1	4½	1 2	1 1½-1	9½

(a) Compiled from *The Industries of Russia; Agriculture and Forestry*, published in 1893, for the World's Columbian Exposition at Chicago, by the Russian Department of Agriculture, Ministry of Crown Domains. The figures are exclusive of the value of board and lodging, which are stated to be provided free by the employers in the case of workpeople engaged by the year, but not in that of those hired by the day. The period to which the figures relate is stated to be, as to Annual Wages "during late years," as to Daily Wages "from 1882 to 1891." It is stated that "the wages paid to year workmen fluctuate very little." The Average Daily Wages referred to in the table are those of workmen engaged by the day, and not providing their own teams and implements. The wages paid to those workmen who provide their own teams and implements are stated to exceed those paid to workmen of the former class by from one-third to one-half. "The same difference exists between the prices paid to men and women."

## WAGES : RUSSIAN EMPIRE.

## AGRICULTURAL LABOUR—continued.

TABLE 2.—AVERAGE ANNUAL WAGES paid to AGRICULTURAL LABOURERS in RUSSIA, engaged by the YEAR, and AVERAGE DAILY WAGES paid to such LABOURERS engaged by the DAY with the LIMITS of the FLUCTUATION (as between one Year and another) of such AVERAGE DAILY WAGES—continued.

Government.	Average Annual Wages of Adult Workpeople engaged by the Year.		Average Daily Wages of Workmen engaged by the Day, and Limits of Yearly Fluctuation of such Average Wages.							
	Men.	Women.	During Spring Sowing.		During Hay Making.		During Harvest of Cereals.		Average Wages.	Limits of Fluctuation.
			Average Wages.	Limits of Fluctuation.	Average Wages.	Limits of Fluctuation.	Average Wages.	Limits of Fluctuation.		
<b>6. LOWER VOLGA.</b>										
Samara ..	£ s. d. 6 10 0	£ s. d. 3 6 0	s. d. 9	s. d. s. d. 8½—10½	s. d. 1 2½	s. d. s. d. 1 0—1 4½	s. d. 1 3½	s. d. s. d. 1 0—1 10½		
Orenburg ..	5 8 0	2 10 0	9½	7½—1 2½	1 2½	7½—2 2½	1 4½	1 2½—1 9½		
Astrakhan ..	8 14 0	4 8 0	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.	Not stated.		
<b>7. TRADE REGIONS.</b>										
Vladimir ..	7 10 0	3 4 0	1 0½	10½—1 1½	1 6½	1 3½—1 9½	1 3	1 1½—1 6		
Moscow ..	7 10 0	3 14 0	11½	10½—1 0	1 3½	1 2½—1 4½	1 3½	1 2½—1 4½		
Kaluga ..	5 11 0	3 0 0	9½	8½—10½	1 3	1 2½—1 4½	1 3½	1 1½—1 4½		
Tver ..	7 0 0	4 0 0	11	9½—1 1½	1 2½	1 1½—1 4½	1 1½	1 0—1 3½		
Yaroslav ..	7 10 0	4 2 0	1 2½	1 1½—1 4½	1 4	1 2½—1 6	1 3½	1 2½—1 4½		
Kostroma ..	7 10 0	4 4 0	11½	9½—1 2½	1 1½	1 0—1 3½	1 0½	10½—1 1½		
<b>8. WHITE RUSSIA.</b>										
Moghilev ..	4 14 0	2 14 0	9	8½—9½	1 1½	1 0—1 3½	1 0	10½—1 1½		
Minsk ..	4 10 0	2 10 0	8½	7½—8½	11½	10½—1 0	11½	10½—1 0		
Vitebsk ..	5 0 0	2 14 0	10½	9½—1 0	1 1½	1 0—1 2½	1 0½	1 0—1 2½		
Smolensk ..	4 12 0	2 18 0	10½	9½—10½	1 2½	1 1½—1 4½	1 1½	1 1½—1 2½		
<b>9. URAL.</b>										
Vyatka ..	5 0 0	2 16 0	8½	7½—9½	11½	9½—1 1½	10½	9½—1 1½		
Ufa ..	5 0 0	2 16 0	8½	7½—9½	11½	9½—1 2½	11½	8½—1 2½		
Perm ..	5 0 0	2 14 0	11½	10½—1 1½	1 0½	1 0—1 1½	1 0½	1 0—1 1½		
<b>10. NORTHERN.</b>										
Vologda ..	6 0 0	3 10 0	11½	10½—1 1½	1 3	1 2½—1 3½	1 0½	1 0—1 1½		
Archangelsk ..	5 10 0	3 8 0	1 5½	9½—2 0	1 6½	1 4½—1 8½	1 5½	1 3½—7 7½		
<b>11. LAKE.</b>										
Olonets ..	7 10 0	4 0 0	1 1½	9½—1 2½	1 6½	1 4½—1 8½	1 4	1 2½—1 7½		
Novgorod ..	7 10 0	4 0 0	11½	10½—1 1½	1 4½	1 3½—1 4½	1 2	1 0—1 4½		
St. Petersburg	10 4 0	6 0 0	1 2	1 1½—1 3½	1 7½	1 6—1 10½	1 4½	1 1½—1 7½		
Pskov ..	5 16 0	3 8 0	11	9½—1 1½	1 3	1 1½—1 4½	1 1½	1 1½—1 3½		
<b>12. LITHUANIA.</b>										
Vilna ..	4 10 0	3 10 0	9	8½—9½	11½	10½—1 0	10½	9½—10½		
Kovno ..	4 6 0	3 10 0	11½	10½—1 0	1 1½	1 0—1 2½	1 1	1 0—1 2½		
Grodno ..	3 14 0	2 10 0	7	6—7½	10	9—1 0	9½	6½—1 0		
<b>13. BALTIC.</b>										
Livonia ..	8 0 0	5 10 0	1 2½	1 1½—1 3½	1 3½	1 3½—1 4½	1 3	1 2½—1 4½		
Courland ..	9 0 0	4 0 0	1 3	1 2½—1 4½	1 5½	1 4½—1 7½	1 4½	1 3½—1 4½		
Estonia ..	7 10 0	5 10 0	1 1½	1 0—1 3½	1 2½	1 2½—1 7½	1 4½	1 2—1 4½		



## WAGES IN NORWAY.

## VARIOUS OCCUPATIONS. (a)

TABLE 3.—AVERAGE EARNINGS in various OCCUPATIONS in NORWAY.

## AVERAGE DAILY EARNINGS IN CERTAIN TRADES.

## (A) COUNTRY DISTRICTS.

Occupation.	1880.	1885.	1890.	1893.
<b>Men.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Carpenters (house) ... ..	2 6½	2 7½	2 8½	2 9½
Miners ... ..	2 3½	2 2½	2 4½	2 7
Engineering works ... ..	2 6	2 7½	2 11½	2 11½
Ship carpenters ... ..	2 5½	2 7½	2 9	2 9
Spinning mills... ..	2 1½	2 1	2 3½	2 3½
Weaving mills... ..	2 4½	2 1½	2 3½	2 3½
Carters (timber) {	providing own horses...	4 0½	4 1	4 1½
	not providing own horses	1 9½	1 11½	1 11½
Woodcutters . . . . .	2 0½	1 10½	2 2½	2 4½
Sawmills ... ..	2 3½	2 3½	2 5½	2 6½
Wood pulp factories ... ..	1 11½	2 4½	2 5½	2 7
Match factories ... ..	1 8½	2 0½	2 2½	2 2½
Glass works ... ..	3 8½	4 1½	...	3 4
Tile works ... ..	2 2½	2 3½	2 5½	2 7½
Distilleries ... ..	2 0½	1 11½	1 9½	2 1½
Labourers (with cottage, but without board)	...	1 2	1 3½	1 5½
Labourers (with cottage and board) ...	...	0 7	0 7½	0 9½
Day labourers (without board) ... ..	1 9½	1 10½	1 11	2 0½
Day labourers (with board) ... ..	1 0½	1 1½	1 1½	1 2½
<b>Women.</b>				
Spinning mills... ..	1 1½	1 4½	1 3½	1 3½
Weaving mills ... ..	0 11½	1 8	1 5	1 5½
Day labourers (without board) ... ..	1 0½	1 1	1 1½	1 3½
Day labourers (with board)... ..	0 6½	0 7	0 7½	0 8½

(a) Compiled from *Statistisk Aarbog for Kongeriget Norge*, published by the Norwegian Government Statistical Office.

## VARIOUS OCCUPATIONS—continued.

TABLE 3.—AVERAGE EARNINGS in various OCCUPATIONS in NORWAY—continued

## AVERAGE DAILY EARNINGS IN CERTAIN TRADES—continued.

(B) TOWNS.				
Occupation.	1880.	1885.	1890.	1895.
	s. d.	s. d.	s. d.	s. d.
<b>Men.</b>				
Bricklayers and masons (skilled workmen)	3 5½	3 11	4 2½	4 3½
Bricklayers and masons (labourers) ...	2 3½	2 5½	2 8½	2 11½
Carpenters ... ..	2 5½	2 8½	3 2½	3 2½
Painters (skilled workmen) ... ..	2 7½	2 10½	3 2½	3 3
Painters (labourers) ... ..	2 2½	2 5½	2 5½	2 8½
Paviors ... ..	2 8½	3 3½	3 3	3 6½
Roadmenders (in summer) ... ..	2 1½	2 4½	2 6½	2 8½
Roadmenders (in winter) ... ..	1 8½	1 11½	2 1½	2 4½
Iron moulders ... ..	2 9½	3 1½	3 3	3 6½
Smiths (skilled workmen) ... ..	2 7½	2 9½	3 1½	3 0½
Smiths (labourers) ... ..	2 0½	1 11½	2 1½	2 6½
Tinsmiths ... ..	2 5½	2 8½	2 11½	2 11
Engineering works ... ..	2 9½	2 7½	3 0½	3 1½
Ship carpenters ... ..	2 3½	2 6½	2 9½	2 11½
Sailmakers (skilled workmen) ... ..	2 4½	2 4½	2 9	2 9
Sailmakers (labourers) ... ..	2 0½	2 4½	2 3½	2 6
Spinning mills... ..	2 3½	2 3½	2 4½	2 8½
Weaving mills... ..	2 3½	2 2½	2 4½	3 1
Ropemakers (skilled workmen) ... ..	2 5½	2 5½	2 7½	2 7½
Ropemakers (labourers) ... ..	1 10½	1 10	1 10½	2 7
Dyers (skilled workmen) ... ..	2 5½	2 6½	2 9½	2 10½
Dyers (labourers) ... ..	1 11½	1 11½	2 1½	2 4½
Boot and shoemakers (skilled workmen) ...	2 2½	2 3½	2 6½	2 6½
Boot and shoemakers (labourers) ... ..	1 9½	1 11½	2 1	2 3
Tailors (skilled workmen) ... ..	2 6½	2 7½	2 11½	2 11½
Tailors (labourers) ... ..	1 11½	2 2½	2 2½	2 6½
Hatmakers (skilled workmen) ... ..	2 7½	2 9	3 0½	2 11½
Hatmakers (labourers) ... ..	2 2½	2 2½	2 4½	2 3
Stevedores (in summer) .. ..	2 9½	2 8½	2 10½	3 0
Stevedores (in winter) ... ..	2 0½	1 11½	2 4½	2 5½
Printers... ..	3 0½	3 1½	3 2½	3 2½
Bookbinders ... ..	2 8½	2 10½	2 11½	2 11½
Cabinet makers (skilled workmen) ... ..	2 4½	2 7½	2 11	2 9½
Cabinet makers (labourers) ... ..	2 2½	2 4½	2 5½	2 6
Coopers (skilled workmen) ... ..	2 3½	2 10½	2 9	2 9½
Coopers (labourers) ... ..	2 3½	2 3½	2 5½	2 8½

VARIOUS OCCUPATIONS—*continued.*TABLE 3.—AVERAGE EARNINGS in various OCCUPATIONS in NORWAY—*continued.*

AVERAGE DAILY EARNINGS IN CERTAIN TRADES— <i>continued.</i>				
(B) TOWNS— <i>continued.</i>				
Occupation.	1880.	1885.	1890.	1895.
<b>Men.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Timber yards (in summer)	2 4½	2 5	2 9½	2 9½
Timber yards (in winter)	1 9½	1 10½	2 4	2 5½
Sawmills ... ..	2 5½	2 4½	2 8½	2 10½
Planing works ... ..	2 9	2 8½	2 10½	3 2½
Tile works ... ..	2 4½	2 7½	2 9½	2 9½
Millers ... ..	2 3	2 5½	2 8½	2 8
Bakers ... ..	2 6½	2 9½	3 0	3 1½
Butchers ... ..	2 5½	2 5½	2 9½	2 9½
Breweries ... ..	2 3	2 3	2 5½	2 7½
Tobacco spinners... ..	3 0	2 11½	3 0½	2 10½
Cigarmakers ... ..	3 0½	3 7½	3 7	3 9½
Tanners ... ..	2 6½	2 6½	2 8½	2 10½
Furriers ... ..	2 6½	2 10	2 11½	3 1
Day labourers (without board).	2 5½	2 1½	2 4½	2 6½
Day labourers (with board).	...	1 2	1 5	1 6½
<b>Women.</b>				
Spinning mills ... ..	1 1	1 1½	1 1½	1 5
Weaving mills ... ..	1 1½	1 2	1 2½	1 5½
Day labourers (without board).	1 4½	1 3½	1 3½	1 5½
Day labourers (with board).	...	0 11	0 11½	1 0½

## AVERAGE MONTHLY WAGES OF SEAMEN.

	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>
First mates (on steamers)	...	...	5 1 1	5 0 0
First mates (on sailing vessels).	...	...	3 16 8	3 16 8
Chief engineers ... ..	...	...	7 10 0	7 17 9
Ship's carpenters (on steamers).	...	...	3 8 11	3 8 11
Ship's carpenters (on sailing vessels).	...	...	3 10 0	3 11 1
Able seamen (on steamers)	} 2 1 1	} 2 5 7	2 15 7	2 10 0
Able seamen (on sailing vessels).			2 14 5	2 7 9

## ANNUAL WAGES OF DOMESTIC SERVANTS.

	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>
<b>Men.</b>				
In country districts ...	8 10 0	9 1 1	9 7 9	10 0 0
In towns ... ..	11 5 7	12 8 11	13 5 7	14 14 5
<b>Women.</b>				
In country districts ...	3 10 0	4 1 1	4 5 7	4 14 5
In towns ... ..	4 6 8	4 14 5	5 1 1	5 11 1

## LUMBER AND WOOD TRADES.(a)

TABLE 4.—Part I.: AVERAGE DAILY EARNINGS of ADULT TIMBER RAFTSMEN in 1892-94; and Part II.: AVERAGE DAILY EARNINGS in 1892-93 of ADULT WORKMEN employed in WOOD PULP and CELLULOSE FACTORIES in NORWAY (*Exclusive in all cases of Foremen*).

PART I.

Occupation.	No. of Workmen to whom the figures relate.	Average Daily Earnings.
Timber Raftsmen .. ..	848	3s. 2½d.

PART II.

Wood Pulp Factories.			Cellulose Factories.		
Occupation.	No. of Work-people to whom the figures relate.	Average daily cash earnings. (b)	Occupation.	No. of Work-people to whom the figures relate.	Average daily cash earnings. (b)
FACTORY WORKMEN.			FACTORY WORKMEN.		
<i>Preparation.</i>			<i>Preparation.</i>		
Piece-work rangers .. ..	3	3 1	Preparers (bark and twig stripping, &c.).	79	2 10½
Hauliers (roller-planes) ..	5	2 9	<i>Chemical Department.</i>		
Preparers (bark and twig stripping, &c.).	117	2 10½	Calcium bisulphide producers	10	3 5½
<i>Grinding.</i>			Caustic soda producers ..	49	3 6½
Grinders .. ..	95	2 8½	Other workmen .. ..	2	2 6
<i>Pulping, &amp;c.</i>			<i>Boiling, &amp;c.</i>		
Machine minders .. ..	11	2 9½	Boilers .. ..	31	3 5½
Takers-off .. ..	2(c)	2 9½	Stokers .. ..	18	3 5½
Lubricators .. ..	30	2 8½	Fuel movers .. ..	8	2 9½
Pressers .. ..	66	2 7½	<i>Washing and Straining.</i>		
Packers .. ..	47	2 6½	Cutting-up machine men, &c.	14	3 5
<i>Other Operations.</i>			Washers .. ..	18	2 11½
Drying apparatus attendants	12	2 7	Other workmen .. ..	10	3 2½
Stokers (drying apparatus) ..	10	2 4	<i>Pulping, &amp;c.</i>		
Other factory workmen ..	6	2 4½	Machine minders .. ..	16	3 5½
OUTSIDE WORKMEN.			Bleachers .. ..	11	3 7½
<i>Transport.</i>			Lubricators .. ..	6	3 8½
Carters, &c. (horse transport)	11	2 4	Sorters, pressers, and packers	22	3 3
Men engaged in other transport.	12	2 4½	Other factory workmen ..	11	3 1
Pointsmen .. ..	2	3 4½	OUTSIDE WORKMEN.		
<i>Labourers, &amp;c.</i>			<i>Transport.</i>		
By-turn (reserve) men ..	5	2 5	Stores overlooker .. ..	1	3 0½
Day labourers .. ..	32	2 1½	<i>Packing-house labourers and loaders.</i>		
Other labourer .. ..	9	2 4½	Packing-house labourers and loaders.	17	3 7½
ARTISANS.			Carters .. ..	8	2 2½
Fitters .. ..	5	3 10½	Coal and stuff wheelers ..	10	3 3½
Smiths .. ..	9	3 0½	<i>Labourers, &amp;c.</i>		
Joiners .. ..	11	2 11½	By-turn (reserve) men ..	9	2 5½
Repairers .. ..	10	3 4	Day labourers .. ..	111	2 3½
Other artisans .. ..	4	2 7½	Other labourers .. ..	6	2 5½
Total & General Average..			ARTISANS.		
	514	2 8½	Fitters .. ..	18	3 4½
			Smiths .. ..	9	3 3½
			Joiners .. ..	21	3 3
			Repairers .. ..	27	2 10½
			Plumbers .. ..	5	3 8½
			Other artisans .. ..	6	3 5
			Total & General Average..		
				553	3 6½

(a) Compiled from *Socialstatistik. I., Arbeids- og Lønningsforhold ved Skovdrift og Tømmerflødning*, and *III., Arbeids- og Lønningsforhold ved Træsliberier og Cellulosefabriker*, published by the Norwegian Government Statistical Office.

(b) Many of the workmen received, in addition to their cash wages, free lodgings, or firing, or both; but this was the case much less often in regard to the workpeople employed in cellulose factories than to those employed in pulp factories.

(c) Exceptional; this work is usually done by youths.

## WAGES IN SWEDEN.

AGRICULTURAL LABOUR.<sup>(a)</sup>

TABLE 5.—WAGES of AGRICULTURAL LABOUR in SWEDEN.

Year.	Yearly Wages.				Daily Wages.			
	Yearly Cash Wages commonly paid to Servants boarded by their Employer.		Value of Servant's Yearly Wages in Kind and Money.		Wages paid for a Day's Work in Summer to		Wages paid for a Day's Work in Winter to	
	Male.	Female.	Male.	Female.	Male.	Female.	Male.	Female.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	s. d.	s. d.	s. d.	d.
1865	6 10 0	2 17 9	15 14 5	9 13 4	1 4½	0 9½	0 11	5½
1870	5 12 3	2 11 1	15 10 0	9 15 7	1 3½	0 8½	0 9½	5½
1875	9 15 7	3 11 1	22 6 8	12 14 5	2 2½	1 0½	1 6	8½
1880	7 15 7	3 10 0	20 6 8	11 16 8	1 7½	0 10½	1 1	7½
1885	8 3 4	3 15 7	19 15 7	11 5 7	1 8½	0 11½	1 1½	7½
1886	7 18 11	3 14 5	19 16 8	11 4 5	1 8½	0 11½	1 1½	7½
1887	7 15 7	3 11 1	19 4 5	11 4 5	1 7½	0 11½	1 1½	7½
1888	8 2 3	3 16 8	20 3 4	11 7 9	1 8½	0 11½	1 1½	7½
1889	8 8 11	3 17 9	20 17 9	12 0 0	1 9½	1 0½	1 2½	8½
1890	9 2 3	4 4 5	21 12 3	12 3 4	1 11	1 1½	1 3½	9
1891	9 6 8	4 8 11	22 0 0	12 8 11	1 11½	1 1½	1 3½	9½
1892	9 8 11	4 10 0	22 6 8	12 12 3	1 11½	1 1½	1 4½	9½
1893	9 11 1	4 14 5	22 8 11	12 10 0	1 11½	1 1½	1 3½	9½
1894	9 16 8	4 15 7	22 13 4	12 11 1	2 0	1 2½	1 4½	9½
1895	9 18 11	4 17 9	22 15 7	12 10 0	2 0	1 1½	1 4	9½
1896	10 2 3	5 1 1	23 2 3	13 0 0	2 0½	1 2	1 4½	9½
1897	10 11 1	5 6 8	23 14 5	13 0 0	2 1½	1 2½	1 5½	10
1898	11 6 8	5 16 8	25 5 7	14 0 0	2 3½	1 3½	1 7½	11½

(a) Compiled from *Bidrag till Sveriges Officiella Statistik. N) Jordbruk och Boskapskötsel. Hushållningssällskapens Berättelser*, published by the Swedish Central Statistical Office.

## VARIOUS GROUPS

TABLE 6.—AVERAGE WEEKLY EARNINGS OF ADULT WORKPEOPLE (over the age of

Group of Trades.	MEN.				
	Skilled Workmen.				Unskilled Workmen in all Establishments.
	Lowest Average(b) Weekly Earnings in		Highest Average(c) Weekly Earnings in		
	Establishments employing not over 10 Adult Work-people.	Establishments employing over 10 Adult Work-people.	Establishments employing not over 10 Adult Work-people.	Establishments employing over 10 Adult Work-people.	
Average Weekly Earnings.					
<b>Building Trades.</b>					
Stone cutting and polishing ..	s. d. 12 10	s. d. 11 11	s. d. 21 0	s. d. 20 1	s. d. 10 7
Painters' and glaziers' shops ..	15 6	19 0	22 7	28 11	9 1
<b>Mining and Quarrying.</b>					
Coal mines .. .. .	..	11 10	..	23 3	10 11
Iron mines .. .. .	11 1	10 5	14 9	15 10	9 1
Other metalliferous mines ..	..	11 6	10 7	18 9	10 4
Marble and limestone quarries ..	..	9 3	11 9	14 0	10 4
<b>Metal Trades.</b>					
Blastfurnaces .. .. .	11 11	12 8	19 1	22 10	10 3
Other smelting works .. ..	10 10	12 4	13 7	19 7	10 3
Manufactured iron and steel works ..	12 4	13 6	17 10	23 11	10 1
Engineering works and foundries ..	12 3	13 8	18 0	22 10	10 3
Shipbuilding (all materials) ..	13 11	13 3	15 4	20 3	11 7
Tin and other plate works ..	15 6	17 4	20 11	28 6	10 4
<b>Textile Trades.</b>					
Spinning and weaving .. ..	10 11	10 10	17 11	21 7	9 4
Dye works .. .. .	10 4	11 5	14 9	14 7	9 11
<b>Clothing Trades.</b>					
Boot and shoe making .. ..	9 10	14 2	14 5	21 9	8 6
Tailoring and shirt making ..	12 9	15 6	18 0	29 5	9 9
Hat and cap making .. ..	15 7	13 2	23 10	21 4	11 0
<b>Printing and Paper Trades.</b>					
Printing .. .. .	13 5	16 3	22 7	30 11	9 3
Bookbinding .. .. .	13 0	18 3	19 6	28 11	8 7
Pulp making .. .. .	9 6	11 10	12 3	20 0	10 11
Paper mills .. .. .	11 4	10 7	23 0	21 6	9 11
<b>Woodworking Trades.</b>					
Sawmills .. .. .	11 11	14 3	16 6	30 11	11 6
Cut timber yards .. ..	12 0	15 0	23 8	22 5	16 10
Joinery and planing works ..	13 3	13 11	18 7	21 11	10 4
Bobbin, boot and shoe peg and cork manufacture ..	13 7	12 8	23 0	23 10	10 5
<b>Chemical Trades.</b>					
Match making .. .. .	8 4	9 5	13 4	19 6	8 2
Coal briquette and peat factories ..	10 11	13 8	13 7	16 2	10 10
<b>Glass, Pottery, &amp;c., Trades.</b>					
Glass works .. .. .	16 8	16 3	20 4	29 2	10 3
Porcelain manufacture .. ..	..	13 6	..	24 6	10 11
Stove-tile and stone-vessel manufacture ..	12 7	12 10	20 5	23 1	10 1
Lime burning and cement making ..	10 5	14 0	17 0	20 11	12 4
Brickmaking .. .. .	13 2	13 10	16 7	18 8	11 2
<b>Food and Tobacco, &amp;c., Trades.</b>					
Milling .. .. .	10 0	14 1	13 9	19 9	9 10
Baking .. .. .	13 9	19 5	19 3	27 8	13 7
Dairying .. .. .	10 1	17 11	12 3	34 2	10 5
Brewing .. .. .	10 7	13 7	14 1	18 7	11 11
Distilling .. .. .	10 9	13 1	18 11	20 4	10 3
Sugar and chocolate manufacture ..	17 0	15 5	23 6	21 8	14 0
Tobacco manufacture .. ..	12 11	13 0	22 3	24 3	11 1
<b>Gasworks</b>	13 9	15 6	19 9	23 8	12 2
<b>Leather Trades.</b>					
Tanning and leather dressing ..	11 11	13 5	15 10	22 4	10 5

(a) Compiled from the Report of the Royal Commission on Child Labour (*Betänkande angående Minderåriges Användande i Arbete vid Fabrik, Handverk eller annan Handtering*, by workpeople is included in the figures.

(b) By "Lowest Average" is meant the average of the earnings specified by the different woman in each establishment.

(c) By "Highest Average" is meant the average of the earnings specified by the different woman in each establishment.

## OF TRADES.(a)

8 years) employed in the under-mentioned GROUPS of TRADES in SWEDEN, in 1890.

Group of Trades.	WOMEN.				
	Skilled Workwomen.				Unskilled Workwomen in all Establishments.
	Lowest Average(b) Weekly Earnings in		Highest Average(c) Weekly Earnings in		
	Establishments employing not over 10 Adult Workpeople.	Establishments employing over 10 Adult Workpeople.	Establishments employing not over 10 Adult Workpeople.	Establishments employing over 10 Adult Workpeople.	
					Average Weekly Earnings.
<b>Mining.</b>					
Iron mines .. ..	s. d.	s. d.	s. d.	s. d.	s. d.
Other metalliferous mines ..	6 6	4 7	8 9	6 5	5 3
	..	..	..	..	5 4
<b>Metal Trades.</b>					
Blastfurnaces .. ..	..	..	..	..	6 8
Other smelting works .. ..	4 3	..	7 6	..	6 2
Manufactured iron and steel works ..	6 2	6 3	7 8	8 9	6 2
Engineering works and foundries ..	3 3	7 10	9 1	12 5	9 10
Tin and other plate works ..	6 8	7 9	14 1	13 9	9 1
<b>Textile Trades.</b>					
Spinning and weaving .. ..	6 4	8 8	8 11	11 4	6 7
Dye works .. ..	6 5	6 10	8 3	11 2	6 6
<b>Clothing Trades.</b>					
Boot and shoe making .. ..	4 9	7 9	7 10	12 1	5 7
Tailoring and shirt making ..	8 2	8 0	12 6	13 1	4 1
Hat and cap making .. ..	9 1	5 9	12 7	9 11	6 2
<b>Printing and Paper Trades.</b>					
Printing .. ..	10 5	10 9	15 5	20 9	7 2
Bookbinding .. ..	7 10	9 1	11 1	13 4	..
Pulp making .. ..	8 1	5 10	..	7 3	7 5
Paper mills .. ..	7 2	6 1	..	8 3	5 7
<b>Woodworking Trades.</b>					
Sawmills .. ..	7 2	8 5	9 7	10 5	7 3
Cut timber yards .. ..	..	..	..	..	8 10
Joinery and planing works ..	8 2	..	10 8	..	7 7
Bobbin, boot and shoe peg and cork manufacture ..	6 9	7 9	8 7	12 7	6 9
<b>Chemical Trades.</b>					
Match making .. ..	6 8	6 4	10 0	11 2	6 4
Coal briquette and peat factories ..	6 11	7 4	8 4	10 8	7 5
<b>Glass, Pottery, &amp;c., Trades.</b>					
Glass works .. ..	..	..	6 3	..	5 8
Porcelain manufacture .. ..	..	9 8	..	17 1	8 6
Stove-tile and stone-vessel manufacture ..	..	8 4	11 9	10 4	5 9
Lime burning and cement making ..	7 11	..	8 9	..	8 6
Brickmaking .. ..	7 7	10 0	8 5	11 8	7 7
<b>Food and Tobacco, &amp;c., Trades.</b>					
Milling .. ..	6 2	..	7 8	..	5 6
Baking .. ..	10 6	12 11	13 9	16 0	13 6
Dairying .. ..	6 8	7 6	9 11	10 0	6 10
Brewing .. ..	7 11	11 7	9 9	17 0	8 9
Sugar and chocolate manufacture ..	7 9	9 2	10 2	10 10	8 3
Tobacco manufacture .. ..	7 6	9 6	11 5	12 4	6 11
<b>Leather Trades.</b>					
Tanning and leather dressing ..	7 11	7 9	9 8	15 11	5 0

a) Utiöet den 11. Mars 1892, af Komitéen för Revision af Förordningen den 18. November 1881, M.M. 1892). The value of any remuneration in kind (in addition to money wages) received establishments as the lowest earnings received by any one skilled workman or work- establishments as the highest earnings received by any one skilled workman or work-

## BAKERS.(a)

TABLE 7.—LIMITS of the ANNUAL EARNINGS (for a Full Year's Work, exclusive of Overtime and assuming no Time to be Lost) of BAKERS (including Foremen and Apprentices) of both SEXES and all AGES in SWEDEN, in 1897.

Earnings for a Full Year's Work.	Workpeople, whose Earnings for a Full Year's Work, exclusive of Overtime and assuming them to lose nothing by short time or unemployment, were within the Limits stated in Col. 1.			
	MALE.		FEMALE.	
	Number.	Percentage.	Number.	Percentage.
		Per cent.		Per cent.
Under 470 kronor (£26 2s. 3d.)	36	1·7	143	23·8
470, but under 600 kronor (£26 2s. 3d.—£33 6s. 8d.)	346	16·1	392	65·3
600, but under 800 kronor (£33 6s. 8d.—£44 8s. 11d.)	543	25·2	52	8·7
800, but under 1,000 kronor (£44 8s. 11d.—£55 11s. 1d.)	691	32·1	13	2·2
1,000, but under 1,250 kronor (£55 11s. 1d.—£69 8s. 11d.)	393	18·2	...	...
1,250, but under 1,500 kronor (£69 8s. 11d.—£83 6s. 8d.)	133	6·2	...	...
1,500 kronor (£83 6s. 8d.) and over.	10	0·5	...	...
<b>Total ... ..</b>	<b>2,152</b>	<b>100·0</b>	<b>600</b>	<b>100·0</b>

(a) Compiled from *Arbetsstatistik I., Undersökning af Bagerierna i Sverige*, prepared for and under the supervision of the Royal Board of Trade of Sweden by Johan Leffler. The figures include the estimated value of board and lodging, where given in addition to wages, and of other items provided by employers, e.g., medical attendance and medicine, accident insurance (also insurance of employees' belongings against fire) and allowance for laundry expenses, and of occasional money gifts, &c.



WAGES IN DENMARK.

AGRICULTURAL LABOUR.(a)

TABLE 8.—WAGES of AGRICULTURAL LABOURERS in DENMARK: Part I.—GENERAL AVERAGE of YEARLY CASH EARNINGS of ADULT FARM-HOUSE SERVANTS engaged by the YEAR; Part II.—AVERAGE YEARLY CASH EARNINGS of FARM-HOUSE SERVANTS engaged by the YEAR, distinguishing CLASSES of SERVANTS; and PART III.—ESTIMATED AVERAGE YEARLY EARNINGS (Including the value of Free Houses, &c.) of MALE DAY LABOURERS permanently employed.

PART I.—GENERAL AVERAGE (b) OF YEARLY CASH EARNINGS (c) OF ADULT FARM-HOUSE SERVANTS ENGAGED BY THE YEAR.

Year.	Men.	Women.
	£ s. d.	£ s. d.
1872	7 0 0	3 16 8
1892	11 1 1	7 0 0
1897	12 11 1	7 15 7

PART II.—AVERAGE (b) YEARLY CASH EARNINGS (c) IN 1897 OF FARM-HOUSE SERVANTS ENGAGED BY THE YEAR, TOGETHER WITH THE ESTIMATED VALUE OF THEIR BOARD, DISTINGUISHING CLASSES OF SERVANTS.

Males.			Females.		
Class of Servant.	Cash Earnings per Year.	Value of Board per Day.(c)	Class of Servant.	Cash Earnings per Year.	Value of Board per Day.(c)
	£ s. d.	d.		£ s. d.	d.
Foremen .. ..	17 13 4	7½	Dairymaids—		
Men in charge of cattle.	17 10 0	8½	Head .. ..	15 7 9	10½
Shepherds .. ..	13 12 3	7½	Ordinary .. ..	9 10 0	7½
Horsekeepers .. ..	13 5 7	7½	Milkmaids .. ..	8 16 8	7½
Wagoners .. ..	13 14 5	8½	Housekeepers .. ..	12 7 9	9½
Farm labourers .. ..			Cooks .. ..	8 3 4	7½
Best .. ..	14 2 3	7½	Brewerymaids .. ..	7 17 9	7
Ordinary .. ..	11 2 3	7½	Housemaids .. ..	7 3 4	7½
Oddmen .. ..	10 6 8	7½	Maids (other) .. ..	6 15 7	7
Apprentices .. ..	8 4 5	8½	General Servants..	6 10 0	6½
Boys .. ..	5 18 11	6½			

PART III.—ESTIMATED AVERAGE (b) YEARLY EARNINGS (INCLUDING THE VALUE OF FREE HOUSES, &c.) OF MALE DAY LABOURERS PERMANENTLY EMPLOYED.

Year.	Earnings without Board.	Earnings with Board.
	£ s. d.	£ s. d.
1872	22 12 3	12 0 0
1892	27 0 0	17 10 0
1897	29 13 4	19 3 4

(a) Compiled from *Danmarks Statistik, Statistiske Meddelelser, Fjerde Række, Femte Bind*, published by the Danish Government Statistical Office.  
(b) These average figures are arrived at by dividing the sum of the figures shown for each of the districts into which Denmark is divided by the number of such districts.  
(c) The value of a man's board for a year is reckoned at £11 18s. 11d., and that of a woman's at £10 18s. 11d. Married men (foremen, men in charge of cattle, shepherds, horsekeepers, and best farm labourers) often have, in addition to money wages and board, free houses, &c.

VARIOUS TRADES.(a)

TABLE 9.—AVERAGE WEEKLY EARNINGS of SKILLED and UNSKILLED WORKMEN respectively in various TRADES in DENMARK, in May, 1897.

Trade.	SKILLED WORKMEN.				UNSKILLED WORKMEN.			
	Average Weekly Earnings in				Average Weekly Earnings in			
	Copen- hagen.	Other Towns.	Country Districts.	Denmark as a whole.	Copen- hagen.	Other Towns.	Country Districts.	Denmark as a whole.
BUILDING TRADES.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Masons .. .. .	33 9	25 3	21 2	24 9	22 2	19 1	17 3	19 2
Stonecutters and polishers ..	29 4	17 1	19 5	20 8	21 10	16 7	15 4	17 11
Carpenters .. .. .	34 1	24 4	20 7	23 10	16 2½	18 1	19 5	18 0
Joiners .. .. .	25 9	28 7	20 5	25 1	17 2	19 5	18 2	18 9
Painters (including sign painters).	26 2	23 7	22 7	24 0	..	..	..	..
Glassiers .. .. .	23 4	18 5	19 11	20 10	..	..	..	..
METAL, ENGINEERING AND SHIPBUILDING TRADES.								
Ironfounders .. .. .	26 6	24 3	20 9	24 7	20 6	17 2	..	18 0
Machine { Factories ..	25 7	20 3	19 2	22 3	22 2	17 8	14 9	18 10
construction { Workshops ..	27 0	19 4	16 10	20 1	23 0	15 4	13 11	19 10
Blacksmiths (heavy work) ..	23 2	18 4	15 8	10 2	18 4	12 3	10 3	14 9
.. (light " ) ..	26 10	21 5	18 10	24 1	23 3	19 8	15 11	20 7
Coppersmiths .. .. .	29 0	23 8	18 4	25 0	18 6	14 6	..	10 10
Braziers and pewterers ..	24 3	22 1	..	23 4	19 1	15 9	..	17 1
Tinsmiths (including gas and water installation).	40 4	21 1	21 0	27 9	20 0	17 9	22 11	19 10
Tinware factories .. ..	23 8	29 5	20 0	26 10	14 3	20 3	17 11	13 4
Cycle works .. .. .	22 4	22 10	19 7	22 6	..	16 7	..	16 7
Sewing machine factories ..	24 1	19 8	..	22 3	..	..	..	..
Surgical instrument makers	25 8	26 1	..	25 9	..	..	..	..
Scientific, &c. (including opti- cal) instrument makers.	33 4	23 5	..	30 7	..	..	..	..
Musical instrument makers..	28 9	37 3	25 10	28 8	22 3	..	..	22 3
Watchmakers .. .. .	20 8	17 2	15 3	18 0	..	..	..	..
Goldsmiths .. .. .	23 10	19 0	18 4	20 11	..	..	..	..
Shipbuilding .. .. .	17 11	19 0	20 9	18 16	15 4	20 7	18 3	16 10

(a) Compiled from *Danmarks Statistik, Statistiske Meddelelser, Fjerde Række, Sjette Bind*, published by the Danish Government Statistical Office. The figures relate to the earnings of male workmen (other than apprentices and boys), and include piece-work and overtime earnings. Taking together the 5,873 adult women employed in the trades referred to in the table, as to whose earnings information was obtained, their average weekly earnings were approximately as follows:—in Copenhagen, 11 s. 5½d.; in other towns, 8s. 4d.; in country districts, 7s. 2½d.

VARIOUS TRADES—*continued*.TABLE 9.—AVERAGE WEEKLY EARNINGS of SKILLED and UNSKILLED WORKMEN respectively in various TRADES in DENMARK, in May, 1897—*continued*

Trade.	SKILLED WORKMEN.				UNSKILLED WORKMEN.			
	Average Weekly Earnings in				Average Weekly Earnings in			
	Copen- hagen.	Other Towns.	Country Districts.	Denmark as a whole.	Copen- hagen.	Other Towns.	Country Districts.	Denmark as a whole.
OTHER TRADES.								
Ropemaking .. .. .	s. d. 24 3	s. d. 18 2	s. d. 19 7	s. d. 18 8	s. d. 13 11	s. d. 10 8	s. d. 16 9	s. d. 12 7
Trimming manufacture ..	23 9	23 11	..	23 9	..	..	..	..
Bootmakers .. .. .	18 1	15 8	14 7	16 4	17 3	16 8	..	16 11
Boot factories .. .. .	21 3	15 11	16 8	26 3	..	..	..	..
Tailors .. .. .	(a)	21 7	16 2	(a)	(a)	..	..	(a)
Hatmakers and furriers ..	27 11	22 0	..	24 2	..	11 11	..	11 11
Glovmakers .. .. .	22 10	23 7	..	23 6	..	..	..	..
Printers and lithographers ..	27 3	21 10	21 10	24 8	..	..	..	..
Autotype, &c., manufacture	29 9	27 5	..	29 7	..	..	..	..
Bookbinders .. .. .	21 11	16 5	17 1	19 10	..	..	..	..
Photographers .. .. .	20 5	25 10	13 0	17 3	..	..	..	..
Cabinet makers .. .. .	24 1	19 8	18 2	20 9	..	..	..	..
Wheelwrights and coach- builders.	24 8	19 6	15 6	17 11	16 4	18 7	12 7	17 11
Coopers .. .. .	25 8	21 6	17 10	21 3	16 8	15 9	12 1	16 2
Wood turners and block (pulley) makers.	23 2	18 4	16 0	19 9	..	..	..	..
Fancy woodware makers ..	21 1	17 2	15 0	19 2	..	..	..	..
Corn millers .. .. .	25 5	17 11	14 10	16 1	23 8	16 9	12 8	16 11
Bakers .. .. .	25 6	24 1	1 7	20 9	17 4	14 9	13 0	14 1
Confectioners .. .. .	22 9	18 10	18 1	20 3	16 2	..	..	16 2
Butchers and sausage, &c. makers.	23 4	19 11	17 7	19 6	17 5	16 9	15 3	16 6
Brewers and maltsters ..	23 2	18 5	22 9	21 2	..	..	..	..
Distillers .. .. .	21 5	17 8	18 11	18 7	..	..	..	..
Tobacco and cigar manu- facture.	20 7	21 5	17 5	21 6	16 6	15 5	..	15 5
Brushmakers .. .. .	21 6	17 11	16 8	19 7	13 4	16 1	..	13 9
Tanners .. .. .	23 3	20 3	21 1	21 1	20 3	15 1	14 11	15 9
Saddlers and upholsterers ..	26 0	18 5	17 0	20 8	15 8	16 4	15 11	16 6
Cardboard and other box making, &c.	23 1	23 8	..	23 3	..	..	..	..
Barbers and hairdressers ..	18 3	17 3	16 8	17 3	..	..	..	..
Chimney sweeps .. .. .	23 9	18 9	18 4	26 16	..	..	..	..

(a) Tailors in Copenhagen were excluded from the inquiry, because, at the time when it was made, an extensive strike was taking place in the tailoring trade of that city.

## CERTAIN TRADES

TABLE 10.—ESTIMATED AVERAGE EARNINGS (*per Day for Time-workers and per or Lads*) and WORKWOMEN employed

Trade.	Men.					
	SKILLED.				UNSKILLED.	
	1892.		1898.		1892.	
	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
<b>BUILDING TRADES.</b>						
Masons and bricklayers ..	3 8½	not stated	4 5½	38 11	3 4	not stated
Stonecutters (marble and sandstone).	4 5½	not stated	5 0	26 8	2 11½	..
Granite cutters .. ..			5 0	24 5		
Paviors.. .. .	..	..	4 1	38 11	2 9½	..
Navvies (including excavators, concreters, &c.).	..	..	..	..	3 4	about 22 3
House cleaners .. ..	..	..	..	..	..	..
Carpenters .. .. .	4 2	about 25s. (in winter) to about 33s. 4d. (in summer)	4 5½	about 40 0	2 9½	..
Joiners .. .. .	..	..	5 3½	details defective	..	..
Roofers.. .. .	..	..	..	..	..	..
Asphalters .. .. .	..	..	..	..	..	..
Plasterers .. .. .	4 2	not stated	5 6½	40 0	not stated	..
Painters .. .. .	4 5½	27 9	not stated	27 9	..	..
Glaziers .. .. .	5 4	25 7	3 8½	33 4	..	..
<b>METAL, ENGINEERING, AND SHIPBUILDING TRADES.</b>						
Pattern makers .. ..	3 7½	16 to 33 p.c. over time-wages	4 5½	0 to 33 p.c. over time-wages	..	..
Moulders .. .. .	3 6 (b)	26 8 (b)	5 0	26 8	2 9½ (b)	..
Smiths (heavy work) ..	3 4	not stated	3 10½	33 4	not stated	..
Smiths (light work) ..	3 7½	36 8	4 2	30 0	3 9½	..
Braziers .. .. .	4 3	not stated	4 2½ (c)	33 4 (c)	2 11½	..
Coppersmiths .. .. .	3 8½	not stated	4 5½	49 0	2 9½	..
Tinsmiths (including plumbers).	..	..	4 5½	36 8	..	..
Tinware makers (in factories).	3 8½	27 9	3 10½	28 11	2 7½	21 1
Machinists (engineering shops).	..	..	3 10½	28 11	..	..
Stove fitters .. .. .	5 6½	details defective	..	33 4	2 9½	..
Zinc and bronze works ..	..	..	5 0	..	..	..
File cutters .. .. .	..	18 11 to 20 0	..	..	2 11½	..

(a) Compiled from Reports published by the Municipality of Copenhagen (*Arbejdslønner i København i Aaret 1892*, and the similar Report for 1898).

## AT COPENHAGEN.(a)

Week for Piece-workers) of WORKMEN (not including Firemen, or Leading Hands, in certain TRADES at COPENHAGEN.

Men.			Women.				Trade.
UNSKILLED.			1892.		1898		
1898.							
Wage of Time-workers per Day.	Earnings of Piece-workers per Week.		Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	
s. d.	s. d.		s. d.	s. d.	s. d.	s. d.	BUILDING TRADES.
3 5½	33 4		..	..	..	..	Masons and bricklayers.
3 4	20 0	{	not stated	not stated	not stated	..	Stonecutters (marble and sandstone).
..	21 1						Granite cutters.
not stated	..		..	..	..	..	Paviors.
3 4	22 3	{	..	..	..	..	Navvies (including excavators, concreters, &c.).
4 9½	26 8		..	..	..	..	House cleaners.
3 8½	..		..	..	..	..	Carpenters.]
3 4	..		..	..	..	..	Joiners.
3 7½	24 5		..	..	..	..	Roofers.
3 10½	24 5		..	..	..	..	Asphalters.
3 4	20 0		..	..	..	..	Plasterers.
not stated	..		..	..	..	..	Painters.
2 9½	..		details defective	..	..	..	Glaziers.
3 4	..		..	..	..	..	METAL, ENGINEERING AND SHIPBUILDING TRADES.
3 2½	not stated		..	..	..	..	Pattern makers.
..	..	{	..	..	..	..	Moulders.
3 4(c)	..		..	..	..	..	..
3 4	..		..	..	..	..	Smiths (light work).
..	..		..	..	..	..	Braziers.
3 4	..		..	..	..	..	Coppersmiths.
not stated	..		..	..	..	..	Tinsmiths (including plumbers).
2 9½	24 5		1 4½	..	1 8	..	Tinware makers (in factories).
3 4	24 5		..	..	..	..	Machinists (engineering shops).
..	..		..	..	..	..	Stove fitters.
3 4	..		..	..	..	..	Zinc and bronze works.
..	..		..	..	..	..	File cutters.

(b) Iron foundries and machine making.  
(c) Braziers and metal workers.

## CERTAIN TRADES

TABLE 10.—ESTIMATED AVERAGE EARNINGS (*per Day for Time-workers and per  
or Lads*) and WORKWOMEN employed in

Trade.	Men.					
	SKILLED.				UNSKILLED.	
	1892.		1898.		1892.	
	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.
<b>METAL, ENGINEERING AND SHIPBUILDING TRADES—cont.</b>	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Electric installation works	..	..	about 4 7	{ 27 9 to 33 4 }	..	..
Telephone work .. ..	3 10½	..	3 10½	..	3 4	..
Instrument making :—						
Surgical .. .. .	3 8½(a)	24 5 (a)	{ 3 10½ 4 5½ }	24 5 not stated	{ not stated }	..
Optical and scientific ..						
Goldsmiths .. .. .	3 10½	details { defective }	3 10½	24 5 26 1	..	..
Silversmiths .. .. .						
Electro-plate workers ..	..	..	4 5½	26 8	..	..
Clock and watch makers	not stated	{ 20 0 to 22 3 }	not stated	not stated	..	..
Cycle factories .. ..	..	..	4 2	33 4	..	..
Sail, flag and compass making.	3 8½	..	4 5½	35 7 to 38 11	..	..
Ship carpenters .. ..	3 8½	27 9	{ 4 5½ 5 0 }	{ 0 to 33 p.c. over time- wages }	..	..
Ship joiners .. .. .	3 4	26 7	4 5½		2 7	..
Ship smiths .. .. .	..	..	3 8½	..	..	..
Shipbuilding yard labour- ers.	..	..	..	..	..	..
<b>TEXTILE TRADES.</b>						
Cotton weavers .. ..	{ details defective }	{ details defective }	..	..	not stated	.. }
Woollen weavers .. ..						
Hand-knitting workshops and machine-knitting factories.	..	..	..	..	..	..
Trimmings manufacture..	3 8½	22 3	3 8½	{ 26 8 to 27 9 }	..	..
Dyeing .. .. .	2 11½	..	4 1	..	2 9½	..
Ropemaking .. .. .	3 4	..	3 7½	..	2 7	..
<b>CLOTHING TRADES.</b>						
Boot and shoemakers (factories).	not stated	not stated	3 8½	23 3	..	..
Wooden shoe manufacture	..	..	..	25 7	..	..
Tailors .. .. .	3 10½	not stated	{ 4 2 to 4 5½ }	{ 26 8 to 28 11 }	..	..
Glove making .. ..	..	23 3	not stated	26 8	..	..

(a) Surgical and optical instrument making.

## AT COPENHAGEN—continued.

Week for Piece-workers) of WORKMEN (not including Foremen, or Leading Hands, certain TRADES at COPENHAGEN—continued.

Men.		Women.				Trades
UNSKILLED.		1892.		1898.		
1898.						
Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
8 4	..	..	..	..	..	METAL, ENGINEERING AND SHIPBUILDING TRADES—cont.
8 4	..	..	..	..	..	Electric installation works
{ .. }	{ .. }	not stated	..	{ .. }	..	Telephone work.
{ 8 4 to 8 10½ }	{ .. }	details defective	..	{ 1 10½ }	..	Instrument making—Surgical, Optical and scientific.
8 4	..	..	..	2 2½	12 8	Goldsmiths.
..	..	..	..	..	not stated	Silversmiths.
8 4	30 0	..	..	2 2½	16 8	Electro-plate workers.
..	..	..	..	..	..	Clock and watchmakers.
..	..	..	..	..	..	Cycle factories.
..	..	..	..	..	..	Sail, flag and compass making.
..	..	..	..	..	..	Ship carpenters.
..	..	..	..	..	..	Ship joiners.
..	..	..	..	..	..	Ship smiths.
about 8 ½	38 to 40 p.c. over time-wages	..	..	..	..	Shipbuilding yard labourers.
not stated	17 9	{ details defective }	{ details defective }	2 2½	{ 13 4 to 15 7 }	TEXTILE TRADES.
8 4	18 4	..	..	{ 1 8 to 2 0½ }	16 8	Cotton weavers.
..	..	1 8	{ 8 11 to 11 1 }	1 10½	13 4	Woolen weavers.
..	..	1 5½	not stated	1 8	..	Hand-knitting workshops and machine-knitting factories.
8 5½	..	1 8	..	1 10½	..	Trimmings manufacture.
8 1½	..	1 4	..	1 6½	12 8	Dyeing
..	..	1 10	details defective	1 8	13 4	Ropemaking.
8 0½	..	..	..	..	..	CLOTHING TRADES.
..	..	1 4(b)	10 0(b)	{ 1 0½ to 2 2½ }	..	Boot and shoemakers (factories).
..	..	..	11 1	..	8 11	Wooden shoe manufacture.
..	..	..	..	..	..	Tailors.
..	..	..	..	..	..	Glove making.

CERTAIN TRADES

TABLE 10.—ESTIMATED AVERAGE EARNINGS (*per Day for Time-workers and per or Lads*) and WORKWOMEN employed in

Trade.	Men.					
	SKILLED.				UNSKILLED.	
	1892.		1898.		1892.	
	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
CLOTHING TRADES— <i>cont.</i>						
Hat making (straw) ..	not stated	30 0	3 4(a)	31 1(a) 23 3 to 23 4	not stated	..
Hat making (other) ..	..	..	4 5½	..	..	..
Seamstresses (in work-shops).	..	..	..	..	..	..
TRANSPORT.						
Carmen .. .. .	..	..	..	..	..	..
Dock labourers .. ..	..	..	..	..	..	..
Coal porters .. .. .	..	..	..	..	..	..
Custom-house porters ..	..	..	..	..	..	..
AGRICULTURAL LABOUR.						
Gardeners .. .. .	2 7(b)	..	2 10½	..	2 2½(b)	..
Dairy farms (including milk supply).	..	..	3 7½	..	..	..
PRINTING, PAPER AND ALLIED TRADES.						
Compositors (newspaper)	..	..	5 7½	32 1	..	..
Compositors (other) ..	not stated (c)	23 4(c)	4 5	28 0	not stated	not stated
Pressmen .. .. .	..	..	4 4½	not stated	..	..
Lithographers .. ..	details defective	not stated	4 5½	not stated	details defective	..
Bookbinders .. .. .	3 4	..	3 8½	27 9	..	..
Papermaking .. .. .	..	..	..	..	..	..
Paper staining .. ..	..	..	..	..	..	..
WOODWORKING AND FURNISHING TRADES.						
Sawmills and machine joinery.	4	..	5 0 4 0½ to 4 5½	33 4	2 11½	..
Coopering .. .. .	3 8½	details defective	..	25 7	not stated	..
Wood turners .. ..	not stated	20 0 to 23 3	..	23 4 to 24 5 to 20 0	..	..
Turners (fine work) ..	not stated	23 4	3 10½	23 3 to 23 8	..	..
Cabinet makers .. ..	3 4	20 0	4 5½	26 8	not stated	..
Upholsterers .. .. .	4 5½	26 8	4 5½	33 4	3 1½	..
Wood carvers .. .. .	..	..	4 1	27 9	..	..

(a) Includes making ladies' hats of all kinds.



## AT COPENHAGEN—continued.

Week for Piece-workers) of WORKMEN (not including Foremen, or Leading Hands, certain TRADES at COPENHAGEN—continued.

Men.		Women.				Trade
UNSKILLED.		1892.		1898.		
1898.						
Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	CLOTHING TRADES—cont.
..	..	not stated	not stated	not stated	12 9(a)	Hat making (straw).
not stated	..	..	..	..	8 11	Hat making (other).
..	..	2 2½	13 4	{ 1 4½ to 1 8 }	..	Seamstresses (in work-shops).
						TRANSPORT
{ 3 4 to 3 6½ }	..	..	..	..	..	Carmen.
{ 4 8 to 3 4 }	not stated	..	..	..	..	Dock labourers.
{ 3 10½ to 3 4 }	not stated	..	..	..	..	Coal porters.
..	..	..	..	..	..	Custom-house porters.
						AGRICULTURAL LABOUR
2 7½	..	not stated	..	1 5	..	Gardeners.
3 2½	..	..	..	2 2½	..	Dairy farms (including milk supply).
						PRINTING, PAPER AND ALLIED TRADES.
..	..	..	..	2 5½	..	Compositors (newspaper).
..	..	1 5½	not stated	2 6½	..	Compositors (other).
..	..	..	..	..	..	Pressmen.
3 4	..	details defective	..	2 2½	..	Lithographers.
..	..	1 5½	not stated	1 11½	{ 13 4 to 11 1 }	Bookbinders.
3 4	..	..	..	1 8	..	Papermaking.
3 4	..	..	..	..	..	Paper staining.
						WOODWORKING AND FURNISHING TRADES.
3 4	..	..	..	..	..	Sawmills and machine joinery.
3 4	23 4	..	..	..	..	Coopering.
..	..	..	..	..	..	Wood turners.
..	..	1 1½	8 11	..	{ 10 0 to 11 1 }	Turners (fine work).
{ 2 9½ to 3 4 }	..	..	..	..	..	Cabinet makers.
..	..	not stated	..	1 8	..	Upholsterers.
..	..	..	..	..	..	Wood carvers.

(b) Market gardening; the figures as to skilled workmen relate to young men.  
6487

(c) Bookwork.  
B 3

## CERTAIN TRADES

TABLE 10.—ESTIMATED AVERAGE EARNINGS (*per Day for Time-workers and per  
or Lads*) and WORKWOMEN employed in

Trade.	Men.					
	SKILLED.				UNSKILLED.	
	1892.		1893.		1892.	
	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.
WOODWORKING AND FURNISHING TRADES— cont.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Gilders .. .. .	..	..	4 5½	30 0	..	..
Coach and cart building ..	3 4	not stated	3 10½	not stated	..	not stated
Pianoforte manufacture..	4 11½	33 2	{ 4 5½ to 5 0 }	{ 30 0 to 31 1 }	3 6½	..
CHEMICAL TRADES.						
Chemical works .. ..	details defective	..	..	..	not stated	not stated
Coke and salt works ..	..	..	..	..	..	..
Petroleum works .. ..	..	..	..	..	..	..
Match making .. .. .	3 4 (a)	{ 17 9 to 20 0(a) }	..	..	..	..
GLASS, POTTERY, &c. TRADES.						
Glass making .. .. .	..	..	..	{ 30 0 to 32 3 }	..	..
Pottery .. .. .	3 4	{ 20 0 to 22 3 }	3 10½	{ 23 4 to 24 5 }	not stated	..
Terra-cotta manufacture	5 6½	31 1	5 0	31 1	3 4	..
Tile works .. .. .	..	..	..	..	..	..
Porcelain manufacture ..	..	27 9	..	33 4	..	21 1
Enfence manufacture ..	..	..	..	27 9	..	..
Lime-burning .. .. .	..	..	..	..	..	..
FOOD AND TOBACCO TRADES.						
Milling .. .. .	3 6½	..	3 10½	..	3 4	..
Baking (wheaten bread) }	3 1½	..	{ 4 7½	..	..	..
Baking (rye bread).. .. }	..	..	{ 4 9½	..	..	..
Confectioners (in fac- tories).	1 8 (b)	..	{ 1 5½ to 1 8 (b) }	..	..	..
Confectioners (in bakeries)	..	..	4 1½	..	..	..
Sweetmeat manufacture	not stated	not stated	4 7½	33 4	not stated	not stated
Butol ers .. .. .	3 8½	..	4 7½	..	..	..
Slaughter-house work- men.	..	..	3 10½	..	..	..
Sausage manufacture ..	..	..	4 5½	..	..	..
Brewing .. .. .	3 5	..	..	..	not stated	..
Brandy distilling .. ..	details defective.	..	..	..	2 9½	..

(a) Factory workers.

## AT COPENHAGEN—continued.

Week for Piece-workers) of WORKMEN (not including Foremen, or Leading Hands, certain TRADES at COPENHAGEN—continued.

Men.			Women.				Trade.
UNSKILLED.			1892.		1898.		
1898.							
Wages of Time- workers per Day.	Earnings of Piece- workers per Week.		Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	
s. d.	s. d.		s. d.	s. d.	s. d.	s. d.	
..	..		..	..	..	..	WOODWORKING AND FURNISHING TRADES— cont.
3 4	..		..	..	..	..	Gilders.
..	..		..	..	..	..	Coach and cart building.
..	..		..	..	..	..	Pianoforte manufacture.
							CHEMICAL TRADES.
3 4	not stated	not stated	..	{ 1 6 to 1 8 }	..	..	Chemical works.
3 6	..	..	..	..	..	..	Coke and salt works.
3 8½	..	..	..	2 1½	..	..	Petroleum works.
3 10½	27 9	1 8	{ 8 11 to 9 5 }	2 2½	{ 11 1 to 13 4 }	..	Match making.
							GLASS, POTTERY, &c. TRADES.
3 1½	..	..	..	1 8	10 0	..	Glass making.
{ 2 9½ to 2 11½ }	..	..	..	..	..	..	Pottery.
3 4	20 0	1 11½	13 4	2 2½	13 4	..	Terra-cotta manufacture.
3 5½	25 0	..	..	..	..	..	Tile works.
{ 3 4 to 3 8½ }	{ 22 3 to 23 4 }	..	13 4	2 9½	not stated	..	Porcelain manufacture.
3 4	24 5	..	..	1 6½	11 1	..	Palenoe manufacture.
not stated	30 0	..	..	..	..	..	Lime-burning.
							FOOD AND TOBACCO TRADES.
3 6½	..	..	..	..	..	..	Milling.
..	..	..	..	..	..	..	Baking (wheaten bread).
not stated	..	..	..	..	..	..	Baking (rye bread).
0 9(b)	..	..	..	..	..	..	Confectioners (in fac- tories).
..	..	..	..	..	..	..	Confectioners (in bakeries).
3 4	22 3	not stated	not stated	1 8	12 3	..	Sweetmeat manufacture.
..	..	..	..	..	..	..	Butchers.
..	..	..	..	..	..	..	Slaughter-house work- men.
{ 3 4 to 3 8½ }	23 4	not stated	about 11 1	2 0½	{ 14 5 to 16 8 }	..	Sausage manufacture.
3 4	..	..	..	..	..	..	Brewing.
..	..	..	..	..	..	..	Brandy distilling.

## CERTAIN TRADES

TABLE 10.—ESTIMATED AVERAGE EARNINGS (*per Day for Time-workers and per or Lads*) and WORKWOMEN employed in

Trade.	Men.					
	SKILLED.				UNSKILLED.	
	1892.		1898.		1892.	
	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.	Wages of Time-workers per Day.	Earnings of Piece-workers per Week.
FOOD AND TOBACCO TRADES— <i>cont.</i>	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Mineral water manufacture.	..	..	..	..	2 9½	not stated
Chicory manufacture ..	..	..	..	..	..	..
Sugar refining .. ..	3 6 (a)	..	..	..	about 3 0½	details defective
Jam factories .. ..	..	..	4 5½	..	..	..
Chocolate manufacture ..	..	..	..	..	..	..
Cigar sorters .. ..	not stated	20 0	..	24 5	2 9½	..
Cigar makers (other) ..			..	22 3		
Tobacco spinners .. ..			4 5½	27 9		
GAS WORKS.						
Retort-house men .. ..	not stated	31 1	..	..	not stated	26 8
Coal wheelers .. ..			..	..		
Yard labourers .. ..			..	..		
WORKERS IN FIBRE, CANE, &c.						
Basket making .. ..	2 9½	15 7	3 4	20 0	2 6	..
Brush making .. ..	3 4	about 20 0	3 10½	22 3	2 11½	17 9
LEATHER AND FUR TRADES.						
Tanners .. ..	3 4	24 5	3 10½	25 7	2 9½	..
Chamois leather dressers ..	..	..	3 7½	26 8	..	..
Furriers .. ..	4 1	22 3	4 5½	23 4	..	..
Saddlers .. ..	details defective.	details defective.	3 10½	24 5	2 9½	..
OTHER TRADES.						
Oilcloth manufacture ..	..	..	4 5½	26 8	..	..
Gut cleaning .. ..	..	..	3 8½	..	..	..
Cork cutting .. ..	not stated	not stated	4 5½	26 8	2 7	..
Steam laundries .. ..	..	..	..	..	..	..
Stokers.. ..	..	..	..	..	..	..
Chimney sweeps .. ..	3 4	..	4 5½	..	..	..
Barbers and hairdressers	not stated	..	3 0½	..	..	..
GOVERNMENT EMPLOYEES.						
Railway servants .. ..	..	..	3 3½	27 0	..	..
Railway workshops .. ..	..	..	..	..	..	..

(a) Machine workers.

## AT COPENHAGEN—continued.

Week for Piece-workers) of WORKMEN (not including Foremen, or Leading Hands.  
certain TRADES at COPENHAGEN—continued.

Men.		Women.				Trade.
UNSKILLED.		1892.		1898.		
1898.						
Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	Wages of Time- workers per Day.	Earnings of Piece- workers per Week.	
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
3 4	..	1 8	..	1 11½	..	FOOD AND TOBACCO TRADES—cont.
not stated	{ 27 9 to 28 11 }	..	..	1 8	10 3	Mineral water manufac- ture.
3 0½	{ 27 9 to 28 11 }	1 0½	details defective.	1 9½	14 3	Chicory manufacture.
3 10½	..	..	..	1 8	..	Sugar refining.
3 4	..	..	..	1 5½	..	Jam factories.
..	..	{ 1 5½	13 4 }	..	22 3	Chocolate manufacture.
..	..			2 2½	{ 18 11 to 20 0 }	Cigar sorters.
3 4	..			1 8	11 1	Cigar makers (other).
						Tobacco spinners.
{ 4 5½ 3 10½ 3 4 }	30 0	..	..	..	..	GAS WORKS.
..	..	..	..	..	..	Retort-house men.
..	..	..	..	..	..	Coal wheelers.
..	..	..	..	..	..	Yard labourers.
..	..	..	..	..	..	WORKERS IN FIBRE, CANE, &c.
..	..	..	..	..	..	Basket making.
3 10½	{ 20 0 to 23 4 }	details defective	about 10 0	..	11 1	Brush making.
3 5½	24 5	..	..	..	..	LEATHER AND FUR TRADES.
3 0½	..	..	..	..	..	Tanners.
..	..	about 1 6½	..	1 8	..	Chamois leather dressers.
not stated	..	..	10 0	1 8	..	Furriers.
{ 3 4 to 3 6½ }	22 3	..	..	1 5½	12 3	Saddlers.
..	..	..	..	not stated	..	OTHER TRADES.
3 4	..	1 6	10 7	{ 1 10½ to 2 2½ }	{ 13 4 to 15 7 13 4 to 15 7 }	Oilcloth manufacture.
..	..	..	..	1 10	..	Gut cleaning.
4 7½	..	..	..	..	..	Cork cutting.
..	..	..	..	..	..	Steam laundries.
..	..	..	..	..	..	Stokers.
..	..	..	..	..	..	Chimney sweeps.
..	..	..	..	..	..	Barbers and hairdressers.
2 8½	..	..	..	..	..	GOVERNMENT EMPLOYEES.
2 9½	19 7	..	..	..	..	Railway servants.
						Railway workshops.

## GOVERNMENT WORKMEN. (a)

TABLE 11.—LIMITS of the DAILY CASH EARNINGS of WORKMEN in certain TRADES, employed by the DANISH GOVERNMENT, in 1896.

Trade.	Number of Workmen whose Daily Cash Earnings were within the under-mentioned Limits.								Total.
	1 krona (1s. 1½d.) and under.	Over 1kr. and up to 150kr. (1s. 1½d. to 1s. 8d.)	Over 150kr. and up to 2kr. (1s. 8d. to 2s. 2½d.)	Over 2kr. and up to 250kr. (2s. 2½d. to 2s. 9½d.)	Over 250kr. and up to 3kr. (2s. 9½d. to 3s. 4d.)	Over 3kr. and up to 350kr. (3s. 4d. to 3s. 10½d.)	Over 350kr. and up to 4kr. (3s. 10½d. to 4s. 5d.)	Over 4kr. (4s. 5d.)	
Carpenters ..	..	..	..	8	10	12	2	..	32
Joiners ..	..	..	2	3	13	16	8	..	58
Woodworkers ..	..	..	..	..	3	17	4	2	26
Machinists ..	..	..	4	13	104	76	28	61	286
Ironworkers ..	..	..	..	4	14	31	24	71	144
Blacksmiths ..	..	..	..	..	4	10	10	1	25
Tinsmiths ..	..	..	..	..	..	..	..	2	2
Stokers ..	..	..	..	..	16	..	..	..	16
Ordnance Works ..	..	..	..	..	7	8	2	..	17
Torpedo Works ..	..	..	..	1	22	38	25	9	98
Telegraph Works(b) ..	..	..	..	12	11	43	28	..	94
Shipbuilders ..	..	..	..	7	44	29	22	4	106
Sailmakers ..	..	..	..	2	12	5	3	..	22
Army Clothing Factory.(c)	..	..	12	16	8	3	4	..	43
Saddlers ..	..	..	..	..	13	..	4	1	13
Railway Service:—									
Platelayers(d) ..	..	..	1,426	800	139	106	13	7	2,492
Level crossing keepers.(d)	8	172	35	6	..	..	..	..	221
Traffic(d) ..	13	1	305	22	9	4	..	4	358
Machines (workshops):—(d)									
Artisans ..	..	..	..	..	75	828	..	..	903
Stokers ..	..	..	..	..	25	..	..	..	25
Labourers ..	..	..	..	40	78	89	..	..	207
Sailors ..	..	..	..	..	14	4	..	..	18
Day labourers ..	..	16	92	659	311	48	11	8	1,145

(a) Compiled from *Danmarks Statistik, Statistiske Meddelelser, Fjerde Række, 1ste Bind, 1897*, published by the Danish Government Statistical Office. The table relates to those workmen alone, who are paid only for days on which they actually work, or for labour which they actually perform. Employees receiving weekly or monthly salaries are not included in the figures. The period to which the figures relate is the month of October, 1896, except in the case of the employees included under "Railway Service:—Machines (Workshops)," the figures as to which relate to the financial year 1895-96.

(b) A considerable number of these workmen receive free clothing.

(c) Nearly all these workmen receive free lodging or lodgings allowance.

(d) Many of these workmen receive free clothing and lodging, and in some cases free allotments.

## WAGES IN THE GERMAN EMPIRE.

## SEAMEN. (a)

TABLE 12.—NUMBER of ENGAGEMENTS of ABLE SEAMEN in each of the MARITIME DISTRICTS of the GERMAN EMPIRE, and MONTHLY RATES of MONEY WAGES (*Food being provided by the Owners of the Vessels*) of such SEAMEN.

Year.	Baltic District.		North Sea District.		Both Districts together.	
	Number of Engagements.	Average Monthly Rate.	Number of Engagements.	Average Monthly Rate.	Number of Engagements.	Average Monthly Rate.
1884	4,190	s. d. 45 0	9,911	s. d. 48 9	14,101	s. d. 47 7
1885	4,123	42 2	8,824	48 8	12,947	46 8
1886	3,722	39 10	9,597	47 0	13,319	45 0
1887	3,630	39 1	9,819	46 3	13,449	44 4
1888	3,620	41 6	10,159	48 4	13,779	46 6
1889	3,703	45 1	11,156	56 9	14,859	53 10
1890	3,945	49 3	11,852	58 11	15,797	56 6
1891	4,008	49 7	12,255	59 2	16,263	56 10
1892	3,494	49 0	12,470	57 3	15,964	55 6
1893	3,476	47 1	12,778	55 6	16,254	53 8
1894	3,296	46 8	12,959	52 4	16,255	51 2
1895	3,225	46 9	14,650	52 6	17,875	51 6
1896	3,320	47 2	14,201	52 9	17,521	51 9
1897	3,454	48 6	14,790	55 3	18,244	54 0
1898	3,257	52 10	15,476	57 1	18,733	56 6
1899	3,317	52 5	15,430	58 9	18,747	57 8

(a) Compiled from *Vierteljahrshefte zur Statistik des Deutschen Reichs*, published by the German Imperial Statistical Office.

DAY LABOURERS. (a)

TABLE 13.—CURRENT RATES of WAGES of ORDINARY DAY LABOURERS in certain PRINCIPAL TOWNS (b) in the GERMAN EMPIRE, on December 20th, 1900.

Town.	Population (Census of Dec. 2, 1895).	Daily Wages of			
		Men.	Boys (14 to 16).	Women.	Girls (14 to 16).
		s. d.	s. d.	s. d.	s. d.
Berlin ... ..	1,677,304	2 8½	1 3½	1 6	1 0
Hamburg ... ..	625,552	3 0	1 0	2 0	1 0
Munich ... ..	407,307	3 0	1 6	2 0	1 2½
Leipzig ... ..	399,963	3 0	1 4½	1 6	1 0
Breslau ... ..	373,163	2 0	1 0	1 1½	0 9½
Dresden ... ..	336,440	2 9½	1 7½	1 9	1 0
Cologne ... ..	321,564	2 6	1 6	1 6	0 9½
Frankfort (on the Main). ... ..	229,279	2 6	1 4½	1 9½	1 0
Magdeburg ... ..	214,424	2 0	1 2½	1 4½	1 0
Hanover ... ..	209,535	2 4½	1 2½	1 6	1 0
Düsseldorf ... ..	175,985	3 0	1 6	1 9½	1 0
Königsberg ... ..	172,796	2 3½	1 0	1 1½	0 4½
Nuremberg ... ..	162,386	2 10½	1 6	1 8½	1 0
Chemnitz ... ..	161,015	2 6	1 3½	1 6	1 1½
Stuttgart ... ..	158,321	2 8½	1 3½	1 6	1 0
Altona ... ..	148,944	3 0	1 0	2 0	1 0
Bremen ... ..	141,133	3 0	1 3	1 9	1 0
Stettin ... ..	140,724	2 3	1 0	1 0	0 7½
Elberfeld ... ..	139,332	2 8½	1 1½	1 8½	1 0
Strassburg ... ..	135,608	2 6	1 1½	1 3½	0 10½

(a) Compiled from (1) the *Central-Blatt für das Deutsche Reich*, published *Städte*, published by Dr. M. Neefe, Director of the Municipal Statistical Office of sixteen of the towns shown in the table in the period December, 1897, to

Town.	Date of Change.	Previous Rate of Daily Wages.			
		Men.	Boys (14 to 16).	Women.	Girls (14 to 16)
		s. d.	s. d.	s. d.	s. d.
Munich .. ..	Dec. 1900	2 6	1 1½	1 3½	1 0
Leipzig .. ..	Dec. 1900	2 0	0 10	1 4	0 10
Dresden .. ..	Dec. 1900	2 6	1 6	1 6	1 0
Düsseldorf .. ..	Dec. 1900	2 4½	1 2½	1 6	0 9½
Königsberg .. ..	Dec. 1900	2 0	1 0	1 0	0 4½
Nuremberg .. ..	Dec. 1900	2 2½	1 3½	1 4½	0 10½
Chemnitz .. ..	Dec. 1900	2 2½	1 1½	1 3½	1 0
Elberfeld .. ..	Dec. 1900	2 4½	1 0	1 6½	0 9½

(b) In the case of Leipzig, Chemnitz, Stettin, Brunswick, Aix-la-Chapelle exclusively to the town of which the population is shown, but have reference



DAY LABOURERS—continued.

TABLE 13.—CURRENT RATES of WAGES of ORDINARY DAY LABOURERS in certain PRINCIPAL TOWNS (b) in the GERMAN EMPIRE, on December 20th, 1900—continued

Town.	Population (Census of Dec. 2, 1895.)	Daily Wages of			
		Men.	Boys (14 to 16).	Women.	Girls (14 to 16).
Charlottenburg ...	182,377	s. d. 2 6	s. d. 1 0	s. d. 1 6	s. d. 0 9
Barmen ... ..	126,992	2 8½	1 1½	1 8½	1 0
Danzig ... ..	125,605	2 0	0 7½	1 3	0 6½
Halle... ..	116,904	2 2½	1 2½	1 1½	1 0
Brunswick ... ..	115,188	2 2½	1 0	1 6	1 0
Dortmund ... ..	111,232	2 9	1 2½	1 4½	0 9½
Aix-la-Chapelle ...	110,551	2 4½	1 1½	1 4½	0 9½
Orefeld ... ..	107,245	2 7½	1 2½	1 7½	1 0
Mannheim ... ..	97,780	2 8½	1 6	1 8½	1 0
Essen ... ..	96,128	2 9½	1 2½	1 6	0 9½
Kiel ... ..	85,666	2 8½	1 0	1 7½	0 9½
Carlsruhe ... ..	84,030	2 3½	1 0	1 4½	0 8½
Mülhausen ... ..	82,986	2 2½	1 2½	1 9½	1 0
Augsburg ... ..	81,903	1 9½	1 0	1 3½	1 0
Cassel ... ..	81,752	2 2	1 2	1 4	1 0
Erfurt ... ..	78,174	2 0	0 10½	1 2½	0 9½
Mainz ... ..	76,946	2 7½	1 6	1 6	1 0
Wiesbaden ... ..	74,133	2 4½	1 2½	1 7½	1 0
Posen ... ..	73,229	1 7½	0 9	1 0	0 6
Duisburg ... ..	70,272	2 4½	1 2½	1 6	0 9½

by the German Imperial Home Office, and (2) *Statistisches Jahrbuch Deutscher Breslau*. Changes in the rates of wages of day labourers have been reported for December, 1900. These towns are as follows:—

Town.	Date of Change.	Previous Rate of Daily Wages.			
		Men.	Boys (14 to 16).	Women.	Girls (14 to 16).
Strassburg .. ..	Dec. 1899	s. d. 2 2½	s. d. 1 0	s. d. 1 2½	s. d. 0 8½
Barmen .. ..	Dec. 1900	2 4½	1 0	1 6	0 9½
Danzig .. ..	Dec. 1899	1 9½	0 7½	1 3	0 6½
Dortmund .. ..	Dec. 1900	2 0	1 2½	1 4½	0 9½
Aix-la-Chapelle ..	Dec. 1899	2 1½	1 1½	1 4½	0 9½
Orefeld .. ..	Dec. 1900	2 4½	1 2½	1 6	1 0
Essen .. ..	Dec. 1900	2 4½	1 2½	1 6	0 9½
Mainz .. ..	Dec. 1900	2 6	1 4½	1 4½	1 0

Carlsruhe, Mülhausen, Cassel, and Mainz, the rates shown in the table do not apply to an area which includes one or more adjacent (sometimes rural) communities.

## ASSOCIATED PRUSSIAN AND HESSIAN STATE RAILWAYS.(a)

TABLE 14.—AVERAGE EARNINGS, per DAY WORKED, of certain CLASSES of MALE WORKPEOPLE employed on the ASSOCIATED PRUSSIAN and HESSIAN STATE RAILWAYS.

Occupation.	Average Earnings per Day Worked in			
	1895-96.	1896-97.	1897-98.	1898-99.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Goods shed leading hands ... ..	2 8	2 8½	2 9½	2 10½
Foremen shunters ... ..	2 8	2 9	2 9½	2 10½
Pointmen and signalmen, cranemen, and bridge-keepers.	2 1½	2 2½	2 3½	2 4½
Doorkeepers, and ticket collectors ...	2 4½	2 4	2 4½	2 4½
Night watchmen ... ..	2 1	2 1½	2 2½	2 3
Locomotive firemen... ..	2 4½ (b)	2 6½ (b)	2 5 (b)	2 5½ (b)
Running-shed men ... ..	2 10½	2 10½	2 11½	3 0
Engine cleaners ... ..	2 5	2 5½	2 6½	2 7½
Brakesmen ... ..	1 11 (b)	1 11½ (b)	2 0½ (b)	2 1 (b)
Carriage and wagon examiners ... ..	2 11½	3 0½	3 1½	3 2½
Storekeepers ... ..	2 9½	2 9½	2 10½	2 11½
Men attached to the General Management Staff and Inspection Staff.	2 6½	2 6½	2 6½	3 7
Goods and luggage porters ... ..	2 3	2 3	2 4	2 5
Workmen at electric lighting and power-generating stations and gasworks.	2 9	2 9½	2 10½	2 10½
Ferry boat staff, and ferry boat workmen	2 6½	2 7½	2 7	2 8½
Permanent-way and ballast-pit men ...	1 11½	2 0	2 0½	2 1½
Telegraphs maintenance workmen ...	3 3½	3 4	3 4½	3 5½
Workshops :—				
Leading hands ... ..	4 0½	4 1½	4 2	4 2½
Fully-trained artisans—				
On time-wage ... ..	3 0 (c)	3 1½ (c)	3 1½ (c)	3 3½ (c)
On piece-wage ... ..	3 11½ (c)	4 0 (c)	4 0½ (c)	4 1½ (c)
Mechanics with artisan training—				
On time-wage ... ..	2 5½ (c)	2 7 (c)	2 6 (c)	2 8½ (c)
On piece-wage ... ..	3 6 (c)	3 6½ (c)	3 6½ (c)	3 7½ (c)
Other mechanics—				
On time-wage ... ..	2 4 (c)	2 5 (c)	2 5½ (c)	2 6½ (c)
On piece-wage ... ..	3 2½ (c)	3 3½ (c)	3 4 (c)	3 4½ (c)
Apprentices ... ..	1 0½	1 1	1 1½	1 0½
Other (subordinate) employees ... ..	2 8½	2 9	2 9½	2 10½

(a) Compiled from the official Report on the Working of the Associated Prussian and Hessian State Railways (*Bericht über die Ergebnisse des Betriebes der vereinigten preussischen und hessischen Staatsbahnen*) in 1898-99 and corresponding reports for previous years. The figures in the table relate exclusively to Railway Servants not on the establishment. Officials on the establishment (civil servants) receive fixed salaries, and, in addition, sums in aid of house-rent; they are also entitled to pensions, if incapacitated, and after their death their families receive allowances on a fixed scale.

(b) Exclusive of fixed extra payments (trip money, overtime pay, and lodging allowance) and premiums on economy in use of materials, &c.

(c) In 1895-96 the total number of days worked by the classes of men indicated above on time-wage, was 2,498,002; on piece-wage, 8,351,717; in 1896-97 on time-wage, 2,567,024; on piece-wage, 8,260,543; in 1897-98 on time-wage, 2,502,421; on piece-wage, 8,262,610; in 1898-99 on time-wage, 2,878,760; on piece-wage 9,784,795.

## MINERS IN PRUSSIA.(a)

TABLE 15.—AVERAGE ANNUAL EARNINGS (*Exclusive of Deductions for Insurance, &c.*) of MINERS (*Adult Males*) in COAL, LIGNITE and METALLIFEROUS MINES in PRUSSIA.

Year.	AVERAGE ANNUAL EARNINGS OF MINERS (ADULT MALES).			
	I.—Coal and Lignite Mines.			
	Overmen and other Officials.	Hewers and Trammers.	Other Underground Workmen.	Surface Workmen.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1888	69 16 6	41 3 2	35 15 8	34 2 8
1889	73 11 3	45 9 6	38 15 11	36 10 2
1890	79 14 7	52 6 8	43 11 4	40 7 0
1891	80 14 6	53 17 1	44 4 1	40 18 11
1892	81 18 7	50 1 9	39 18 9	39 11 8
1893	81 9 5	48 0 2	38 17 2	38 14 10
1894	82 9 2	48 13 4	39 6 9	38 17 2
1895	83 8 9	49 6 2	39 16 6	39 5 9
1896	85 8 7	52 8 11	41 14 5	40 11 11
1897	87 10 4	56 14 5	44 7 4	42 8 8
1898	89 9 1	59 13 2	46 2 10	44 0 5
1899	92 8 4	63 9 1	48 11 4	46 2 8
	II.—Metalliferous Mines.			
	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1888	51 8 2 (b)	33 9 7 (b)	38 0 2 (b)	23 15 3 (b)
1889	58 11 2	35 11 8	36 7 9	29 0 4
1890	60 7 7	36 12 0	38 8 2	30 3 4
1891	62 7 0	35 6 8	37 17 1	30 7 5
1892	64 1 0	35 0 4	37 10 10	29 13 0
1893	63 18 1	33 13 11	34 18 1	29 7 11
1894	64 16 5	33 17 11	34 14 10	29 6 10
1895	64 19 1	33 12 6	34 6 8	29 5 10
1896	66 14 6	38 19 6	36 11 1	31 14 10
1897	67 4 9	41 12 1	39 8 0	33 11 5
1898	70 8 2	43 2 3	40 3 2	35 14 5
1899	72 7 3	47 19 2	42 12 4	38 5 2

(a) Compiled from *Zeitschrift für das Berg- Hütten- und Salinen-Wesen im Preussischen Staate (I. Statistische Lieferung)*, published by the Prussian Ministry of Commerce and Industry. The earnings are stated clear of all deductions for expenses falling on the miner (for accident, sickness, old-age and invalidity insurance, for sharpening tools, for materials, &c.), and without any addition in respect of benefits enjoyed by the workmen (*e.g.*, land, house accommodation, &c.). Male workmen of and over 16 years of age are alone referred to in the table.

(b) Oberharz district only.

## MINERS IN PRUSSIA.(a)

TABLE 16.—NUMBER and AVERAGE ANNUAL EARNINGS (*Exclusive of Deductions for Insurance, etc.*) of MINERS in COAL, LIGNITE and METALLIFEROUS MINES in each of the MINING DISTRICTS of PRUSSIA.

District.	Underground.					
	Hewers and Trammers.(b)			Other Underground Workmen.		
	1897.	1898.	1899.	1897.	1898.	1899.
<b>Coal Mines.</b>						
Upper Silesia :—						
Number .. .. .	83,294	84,845	86,400	7,889	8,195	8,763
Average Annual Earnings ..	£39 14 0	£42 16 0	£44 16 0	£38 5 0	£40 3 0	£41 7 0
Lower Silesia :—						
Number .. .. .	10,330	10,578	10,894	2,786	2,986	3,396
Average Annual Earnings ..	£42 9 0	£43 16 0	£45 16 0	£41 0 0	£42 4 0	£44 6 0
Dortmund :—						
Number .. .. .	88,980	96,961	103,707	45,327	49,595	53,347
Average Annual Earnings ..	£36 8 0	£39 7 0	£41 11 0	£46 6 0	£48 4 0	£51 7 0
Saarbrücken (State Mines) :—						
Number .. .. .	20,497	21,493	22,911	8,035	8,392	8,987
Average Annual Earnings ..	£55 1 0	£57 6 0	£57 18 0	£41 18 0	£42 15 0	£42 2 0
Aix-la-Chapelle :—						
Number .. .. .	5,381	5,738	6,138	1,460	1,453	1,483
Average Annual Earnings ..	£58 6 0	£56 1 0	£59 5 0	£42 10 0	£44 1 0	£47 3 0
<b>Lignite Mines.</b>						
Halle :—						
Number .. .. .	9,273	9,683	9,587	1,611	1,634	1,661
Average Annual Earnings ..	£46 9 0	£47 16 0	£50 5 0	£39 13 0	£40 9 0	£41 17 0
<b>Metalliferous Mines.</b>						
Harz (State Mines) :—						
Number .. .. .	1,637	1,602	1,498	444	437	429
Average Annual Earnings ..	£35 10 0	£35 18 0	£36 1 0	£38 5 0	£36 7 0	£39 5 0
Siegen-Nassau :—						
Number .. .. .	14,420	13,874	13,409	739	797	773
Average Annual Earnings ..	£43 11 0	£44 18 0	£51 11 0	£42 6 0	£43 8 0	£45 17 0
Other Rhenish Districts, Right Bank :—						
Number .. .. .	3,249	3,631	5,084	265	331	329
Average Annual Earnings ..	£39 11 0	£42 9 0	£44 19 0	£35 10 0	£35 9 0	£41 3 0
Other Rhenish Districts, Left Bank :—						
Number .. .. .	1,521	1,496	1,635	126	126	145
Average Annual Earnings ..	£34 4 0	£36 14 0	£38 15 0	£35 9 0	£37 10 0	£38 16 0

(a) Compiled from the source stated in the footnote (a) on p. 30, *ante*. The earnings are stated clear of all deductions for expenses falling on the miner (for accident, sickness, old-age and invalidity insurance, for sharpening tools, for materials, etc.), and without any addition in respect of benefits enjoyed by the workpeople (e.g., land, house accommodation, etc.).

(b) The proportion of Hewers to Trammers in coal mines in 1899 was :—47·3 per cent. Hewers, 52·7 per cent. Trammers in Upper Silesia ; 57·6 per cent. Hewers, 42·4 per cent. Trammers in Lower Silesia ; 73·1 per cent. Hewers, 26·9 per cent. Trammers in Saarbrücken ; (in the other districts, not stated).

## MINERS IN PRUSSIA—continued.

TABLE 16.—NUMBER and AVERAGE ANNUAL EARNINGS (*Exclusive of Deductions for Insurance, etc.*) of MINERS in COAL, LIGNITE and METALLIFEROUS MINES in each of the MINING DISTRICTS OF PRUSSIA—continued.

District.	Surface.								
	Men.			Lads and Boys (under 16 years).			Women and Girls.		
	1897.	1898.	1899.	1897.	1898.	1899.	1897.	1898.	1899.
<b>Coal Mines.</b>									
Upper Silesia:—									
Number .. .. .	11,128	11,471	11,984	456	610	967	3,669	3,662	3,815
Average Annual Earnings ..	£32 8s.	£34 0s.	£35 5s.	£11 10s.	£12 13s.	£12 19s.	£12 12s.	£13 10s.	£13 19s.
Lower Silesia:—									
Number .. .. .	4,993	5,184	5,277	474	487	596	263	267	296
Average Annual Earnings ..	£35 9s.	£36 13s.	£37 19s.	£14 17s.	£15 8s.	£15 13s.	£19 4s.	£20 13s.	£21 13s.
Dortmund:—									
Number .. .. .	31,159	33,379	35,513	5,624	6,018	6,571	..	..	..
Average Annual Earnings ..	£49 13s.	£51 2s.	£53 16s.	£17 5s.	£17 11s.	£18 0s.	..	..	..
Saarbrücken (State Mines):—									
Number .. .. .	5,129	5,261	5,507	587	710	944	..	..	..
Average Annual Earnings ..	£41 0s.	£41 19s.	£42 6s.	£12 6s.	£12 18s.	£13 16s.	..	..	..
Aix-la-Chapelle:—									
Number .. .. .	1,972	1,979	2,007	355	374	367	18	18	19
Average Annual Earnings ..	£42 12s.	£45 7s.	£47 9s.	£15 3s.	£16 0s.	£16 10s.	£18 2s.	£18 6s.	£19 12s.
<b>Lignite Mines.</b>									
Halle:—									
Number .. .. .	14,150	14,664	15,907	250	290	363	603	680	716
Average Annual Earnings ..	£37 8s.	£39 0s.	£41 1s.	£20 1s.	£20 7s.	£21 4s.	£21 12s.	£23 2s.	£23 8s.
<b>Metalliferous Mines.</b>									
Harz (State Mines):—									
Number .. .. .	1,058	1,069	1,065	236	230	198	..	..	..
Average Annual Earnings ..	£26 18s.	£28 0s.	£28 6s.	£9 12s.	£9 9s.	£9 16s.	..	..	..
Siegen-Nassau:—									
Number .. .. .	3,711	3,674	3,490	1,387	1,316	1,231	424	406	369
Average Annual Earnings ..	£36 2s.	£38 14s.	£43 4s.	£18 9s.	£18 15s.	£20 15s.	£16 5s.	£17 1s.	£18 12s.
Other Rhenish Districts (Right Bank):—									
Number .. .. .	1,364	1,431	1,615	282	333	434	128	146	180
Average Annual Earnings ..	£34 6s.	£35 19s.	£38 2s.	£16 1s.	£18 5s.	£19 3s.	£14 13s.	£15 13s.	£17 7s.
Other Rhenish Districts (Left Bank):—									
Number .. .. .	1,579	1,523	1,619	67	90	121	84	68	61
Average Annual Earnings ..	£31 8s.	£33 19s.	£34 6s.	£13 12s.	£14 7s.	£14 9s.	£15 15s.	£16 14s.	£17 16s.

CERTAIN TRADES IN WURTEMBERG.(a)

TABLE 17.—AVERAGE EARNINGS, per DAY WORKED, of WORKPEOPLE employed in certain INDUSTRIES in WURTEMBERG.

Year.	Chemical Trade.		Tobacco Trade.		Sugar Manufacture.	
	Approximate Mean No. of Workpeople.	Average Earnings per Day Worked.	Approximate Mean No. of Workpeople.	Average Earnings per Day Worked.	Approximate Mean No. of Workpeople.	Average Earnings per Day Worked.
		s. d.		s. d.		s. d.
1885	509	2 3½	{ 2,310	1 3½	{ 326	2 1½
1886	2,094	2 4		1 4½	{ 683	2 6½
1887	2,176	2 4½		1 5½	{ 735	2 4½
1888	2,409	2 5½		1 5½	{ 663	2 6
1889	2,449	2 7½		1 5½	{ 712	2 6
1890	2,932	2 6		1 5½	{ 735	2 6
1891	3,029	2 6½		1 5½	{ 840	2 6
1892	2,749	2 7		1 5½	{ 791	2 7½
1893	2,778	2 6½		1 5½	{ 676	2 10½
1894	2,912	2 7½		1 6	{ 718	2 9½
1895	2,966	2 7½	2,906	1 5½	684	2 10½
1896	3,105	2 8½	3,094	1 6	692	2 10½

	Glass Manufacture.		Tramways.	
	Approximate Mean No. of Workpeople.	Average Earnings per Day Worked.	Approximate Mean No. of Workpeople.	Average Earnings per Day Worked.
		s. d.		s. d.
1885	...	...	20	2 11½
1886	...	...	113	2 10
1887	...	...	177	2 9½
1888	...	...	209	2 8½
1889	...	...	280	2 4
1890	...	...	337	2 4½
1891	...	...	282	2 8½
1892	375	2 9½	239	3 3½
1893	347	2 11½	299	2 7½
1894	388	2 8½	302	2 7½
1895	350	2 7½	331	2 7½
1896	355	2 7½	438	2 9

(a) Compiled from *Württembergische Jahrbücher für Statistik und Landeskunde*, published by the Royal Statistical Office of Wurtemberg. The figures relate to factories subject to the Accident Insurance Laws. Workpeople of all ages are included.

STATE RAILWAYS IN WURTEMBERG.<sup>(a)</sup>TABLE 18.—AVERAGE YEARLY EARNINGS of WORKPEOPLE (*other than Apprentices*) EMPLOYED in the WORKSHOPS of the STATE RAILWAYS in WURTEMBERG.

Occupation.	Mean Number Employed in 1898.	Average Yearly Earnings.							
		1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
		£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Foremen .. ..	33	77 19 8	77 4 11	75 6 11	78 8 7	80 0 1	83 7 11	84 13 4	84 13 2
Patternmakers ..	5	64 5 2	63 11 8	60 13 7	64 18 5	70 12 7	73 1 10	72 13 4	73 19 3
Moulders .. ..	6	59 4 10	64 0 9	61 16 5	59 2 0	60 0 7	57 19 0	61 1 2	59 15 0
Turners .. ..	123	59 4 0	58 13 9	57 17 10	59 8 2	59 10 4	60 14 2	62 16 3	62 17 1
Planers, borers, punchers, &c.	97	(b) 45 8 2	(b) 43 8 9	(b) 41 0 4	(b) 47 7 9	(b) 50 7 8	(b) 50 12 10	51 5 5	52 3 8
Fitters, tube makers, locksmiths, &c.	529	50 17 2	51 13 7	51 5 3	53 7 8	54 11 11	55 12 8	58 4 9	59 9 0
Boiler-makers ..	31	69 16 9	62 16 0	61 19 10	66 5 0	65 4 3	65 0 2	67 14 10	66 9 3
Boiler-makers' helpers.	75	48 2 2	45 9 8	46 17 7	48 17 9	51 12 9	50 7 3	51 12 8	50 12
Smiths .. ..	67	61 15 8	60 16 2	63 2 9	63 9 7	67 3 3	68 6 0	68 5 10	69 12 10
Smiths' strikers ..	76	48 9 5	46 1 11	49 6 3	48 18 5	49 14 0	51 19 2	52 2 8	52 8 9
Coppersmiths and tinsmiths.	40	56 17 0	53 6 6	56 16 0	56 18 9	60 4 6	62 9 5	63 17 0	63 10 8
Erectors and tool makers.	88	71 13 6	72 11 3	77 19 11	72 8 0	74 8 9	73 15 6	73 6 4	76 12 0
Japanners and varnishers.	50	51 8 8	51 7 11	52 3 4	53 3 9	56 12 6	58 11 11	60 15 6	62 13 7
Carpenters, joiners, and wheelwrights.	158	52 4 8	51 9 0	51 14 11	54 12 7	55 10 2	56 7 3	56 7 10	59 19 3
Saddlers .. ..	20	51 16 3	54 14 9	57 4 5	55 10 9	57 13 2	60 10 11	63 8 8	63 4 1
Boiler attendants and enginemen.	14	(b)	(b)	(b)	(b)	(b)	(b)	54 18 6	56 4 6
Carriage lifters ..	51	44 3 6	47 18 11	44 19 7	48 4 11	48 11 9	49 17 7	51 5 11	51 4 10
Labourers (1st class)	7	36 6 3	41 1 7	39 3 6	41 17 9	44 6 0	47 6 9	49 15 10	51 13 5
" (others) ..	273	33 8 9	35 7 3	32 19 1	35 5 11	38 0 10	38 17 10	41 4 3	42 1 11
Night watchmen ..	14	39 0 10	32 19 2	36 10 6	45 7 6	49 3 2	49 6 3	50 6 5	51 17 7

(a) Compiled from the source stated in footnote (a) on p. 33, *ante*.

(b) In this year boiler attendants and enginemen were grouped with planers, borers, punchers, &amp;c.

6487

C 2

FACTORIES IN

TABLE 19.—LIMITS of the WEEKLY EARNINGS of the WORKMEN and WORK-FACTORIES

Weekly Earnings.	Cotton Spinning (in 1896).	Cotton Weaving (in 1896).	Chemical Works (in 1896).	Joinery Works (in 1897).
(1)	(2)	(3)	(4)	(5)
<b>Men.</b> (16 years and over).	Number of Adult Workpeople whose Limits stated in			
5s. and under ... ..	...	...	2	...
Over 5s. and up to 6s. ...	...	1	1	...
" 6s. " 8s. ...	33	2	3	7
" 8s. " 10s. ...	56	6	20	18
" 10s. " 12s. ...	134	10	56	33
" 12s. " 15s. ..	116	35	177	72
" 15s. " 18s. ...	105	39	341	94
" 18s. " 21s. ...	34	8	405	91
" 21s. " 24s. ...	13	16	308	61
" 24s. " 27s. ...	6	1	126	33
" 27s. " 30s. ...	...	...	66	15
" 30s. " 35s. ...	...	...	30	10
Over 35s. ... ..	...	...	7	10
<b>Total Men</b> ...	<b>497</b>	<b>118</b>	<b>1,542</b>	<b>444</b>
<b>Women.</b> (16 years and over).				
5s. and under ... ..	3	5	...	...
Over 5s. and up to 6s. ...	4	6	...	...
" 6s. " 8s. ...	18	40	...	...
" 8s. " 10s. ...	115	125	...	...
" 10s. " 12s. ...	76	239	...	...
" 12s. " 15s. ...	67	224	...	...
" 15s. " 18s. ...	8	72	...	...
Over 18s. ... ..	...	11	...	...
<b>Total Women</b> ...	<b>291</b>	<b>722</b>	...	...

(a) Compiled from *Jahresbericht der Grossherzoglich Badischen Fabrikinspektion*, to which the figures as to Chemical Works relate, 5 are establishments included in With respect to Jewellery Manufacture, the following figures, which relate to

	Number of Workpeople (excluding Apprentices) whose				
	8s. and under.	Over 8s. and up to 12s.	Over 12s. and up to 16s.	Over 16s. and up to 20s.	Over 20s. and up to 24s.
Men .. ..	1	7	31	122	135
Women .. ..	2	91	190	21	..

The average weekly earnings of the workpeople referred



BADEN.(a)

WOMEN (*Exclusive of lads and girls under 16 years*) employed in certain in BADEN.

Cigar Factories (in 1897).	Paper Mills (in 1898).	Wall-paper Factories (in 1898).	Corn Mills (in 1899).	Weekly Earnings.
(6)	(7)	(8)	(9)	(10)
Weekly Earnings were within the Columns 1 and 10.				<b>Men</b> (16 years and over).
7	...	10	...	5s. and under.
24	...	13	...	Over 5s. and up to 6s.
61	1	35	...	" 6s. " 8s.
82	1	32	...	" 8s. " 10s.
124	20	41	...	" 10s. " 12s.
75	73	52	22	" 12s. " 15s.
20	57	62	83	" 15s. " 18s.
9	55	56	58	" 18s. " 21s.
3	18	47	61	" 21s. " 24s.
2	17	25	44	" 24s. " 27s.
1	5	7	6	" 27s. " 30s.
2	5	8	6	" 30s. " 35s.
...	...	3	9	Over 35s.
410	252	391	289	Total Men.
				<b>Women</b> (16 years and over).
39	...	1	...	5s. and under.
72	6	5	...	Over 5s. and up to 6s.
210	15	9	...	" 6s. " 8s.
223	50	12	...	" 8s. " 10s.
165	29	7	...	" 10s. " 12s.
75	10	3	...	" 12s. " 15s.
4	1	...	...	" 15s. " 18s.
...	...	...	...	Over 18s.
788	111	37	...	Total Women.

published by the Baden Ministry of the Interior. Out of the 6 establishments those to which the figures as to Chemical Works given in Table 22, p. 40, *post*, relate. the year 1898, are available:—

Weekly Earnings were within the Limits stated below				Men. Women.
Over 24s. and up to 28s.	Over 28s. and up to 32s.	Over 32s.	Total.	
103 ..	56 ..	26 ..	489 304	

to in this table were : men, 22s. 11½d. ; women 13s. 0d.  
6187

## DOCK LABOUR AT HAMBURG.(a)

TABLE 20.—TOTAL WAGES PAID to, NUMBER of DAYS WORKED by, and AVERAGE EARNINGS per DAY WORKED of, WORKPEOPLE employed in certain BRANCHES of DOCK LABOUR at HAMBURG, in 1895.

Branch of Dock Labour.	Total Wages Paid.	Total Number of Days Worked.	Average Earnings per Man per Day Worked.
	£		s. d.
Dock labourers (general discharge and loading).	126,632	491,948	5 1½
Coalties (discharge) ... ..	59,615	141,438	8 5
Lightermen ... ..	104,066	501,245	4 1½
Warehouse workmen ... ..	83,414	394,007	4 2½
Wharf labourers ... ..	134,154	707,139	3 9½
Corn porters, bushellers, etc. ...	15,980	76,831	4 2
Coal porters (3 firms only) ...	10,413	50,193	4 1½
Ship and boiler cleaners ... ..	13,260	88,225	3 0
Ship painters ... ..	10,824	52,343	4 1½
Enginemmen and stokers ... ..	5,560	24,636	4 6½
<b>Totals and General Average</b>	<b>563,918</b>	<b>2,528,005</b>	<b>4 5½</b>

## CERTAIN TRADES AT ALTONA.(b)

TABLE 21.—LIMITS of the DAILY EARNINGS of certain CLASSES of WORKMEN (Including Lads and Apprentices) in certain TRADES at ALTONA, in 1891.

Trade.	Number of Days Worked at Earnings within the under-mentioned Limits.						Total Days Worked.	No. of Workmen.
	3s. and under.	Over 3s. up to 4s.	Over 4s. up to 5s.	Over 5s. up to 6s.	Over 6s. up to 7s.	Over 7s.		
<b>BUILDING AND ALLIED TRADES.</b>								
Foremen masons and bricklayers.	..	..	..	683	3,953	2,393	<b>7,029</b>	31
Foremen carpenters .. ..	..	..	..	424	1,713	568	<b>2,705</b>	10
Journeyman masons and bricklayers.	..	..	8,676	67,350	11,970	1,611	<b>89,607</b>	1,154
Journeyman carpenters ..	..	..	1,499	21,735	1,881	279	<b>25,394</b>	272
Joiners .. ..	..	348	3,705	2,175	149	50	<b>6,436</b>	56
Painters and paperhangers ..	16	3,782	17,429	542	..	..	<b>21,769</b>	199
Plasterers ... ..	..	..	..	126	33	..	<b>159</b>	9
Tinsmiths and mechanics ..	11	644	2,810	1,118	326	..	<b>4,909</b>	35
Tile fixers .. ..	..	468	..	450	978	198	<b>2,094</b>	13
Slaters and tilers .. ..	..	88	1,633	382	..	..	<b>2,103</b>	18
Quarrymen .. ..	..	966	1,990	..	..	..	<b>2,956</b>	17
Enginemmen .. ..	..	..	..	312	..	..	<b>312</b>	1
<b>Total .. ..</b>	<b>27</b>	<b>6,296</b>	<b>37,742</b>	<b>95,297</b>	<b>21,093</b>	<b>5,193</b>	<b>165,473</b>	<b>1,815</b>

(a) Compiled from the Report of a Commission appointed by the Hamburg Senate (*Bericht der Senats-Commission für die Prüfung der Arbeitsverhältnisse im Hamburger Hafen*, 1898). The total number of the workpeople, to whose earnings the figures stated in the table relate is 24,416.

(b) Compiled from *Altonaer Arbeiterstatistik I., Altonaer Arbeitslöhne, 1891*, published by the Royal Commercial Institute at Altona.

## CERTAIN TRADES AT ALTONA—continued.

TABLE 21.—LIMITS of the DAILY EARNINGS of certain CLASSES of WORKMEN (Including Lads and Apprentices) in certain TRADES at ALTONA, in 1891—continued.

Trade.	Number of Days Worked at Earnings within the under-mentioned Limits.						Total Days Worked.	No. of Workmen.
	3s. and under.	Over 3s. up to 4s.	Over 4s. up to 5s.	Over 5s. up to 6s.	Over 6s. up to 7s.	Over 7s.		
IRON AND ENGINEERING.								
Fitters .. .. .	1,287	20,335	25,179	9,739	2,956	1,929	61,405	525
Erectors .. .. .	10	,984	3,733	2,107	340	312	10,436	75
Smiths .. .. .	76	,011	5,147	3,871	1,598	300	14,003	87
Boilermakers .. .. .	8	1,753	6,506	5,578	2,980	216	17,021	135
Welders .. .. .	..	..	748	925	1,072	1,282	4,027	19
Moulders (mould makers) ..	315	8,385	6,898	4,793	704	..	21,095	116
Founders (metal heaters) ..	..	..	51	..	..	300	351	3
Turners .. .. .	28	3,696	6,735	7,293	1,714	594	20,000	158
Coppersmiths .. .. .	..	26	446	1,010	44	..	1,526	12
Patternmakers, joiners, wheelwrights and carpenters.	..	3,485	9,871	1,602	153	..	15,111	97
Enginemen .. .. .	..	..	592	..	..	..	592	2
Total .. .. .	1,704	44,625	65,906	36,918	11,541	4,933	165,627	1,308
PRINTING AND ALLIED TRADES.								
Machine minders, compositors and rulers.	313	879	1,754	625	..	..	3,571	17
Bookbinders .. .. .	414	5,909	310	310	..	..	6,943	30
Total .. .. .	727	6,688	2,064	935	..	..	10,414	47
WOODWORKING.								
Joiners .. .. .	1,147	3,941	15,851	10,491	2,009	1,251	35,350	304
Parquet makers and parquet layers.	..	114	321	174	87	493	1,179	14
Woodcarvers .. .. .	..	296	67	176	..	..	539	13
Coopers .. .. .	221	186	1,671	1,051	480	885	4,474	25
Wheelwrights .. .. .	..	764	1,343	610	..	..	2,717	17
Mill joiners .. .. .	58	1,351	1,294	362	..	..	3,065	15
Smiths and iron turners (in coachbuilding and mill construction, &c.).	..	1,588	553	314	..	202	2,657	14
Enginemen .. .. .	..	175	683	..	283	..	1,141	6
Total .. .. .	1,426	8,415	21,783	13,178	3,499	2,821	51,122	408

CERTAIN TRADES AT ALTONA—*continued.*TABLE 21.—LIMITS of the DAILY EARNINGS of certain CLASSES of WORKMEN (Including Lads and Apprentices) in certain TRADES at ALTONA, in 1891—*continued.*

Trade.	Number of Days worked at Earnings within the under-mentioned Limits.						Total Days Worked.	No. of Workmen.
	3s. and under.	Over 3s. up to 4s.	Over 4s. up to 5s.	Over 5s. up to 6s.	Over 6s. up to 7s.	Over 7s.		
<b>CORN-MILLING.</b>								
Chargemen .. .. .	..	..	..	780	..	..	780	3
Roller-men, &c., and journeymen.	1,374	6,397	6,018	2,048	287	78	16,192	104
Head engineers and millwrights.	..	..	..	78	602	..	680	3
Turners, fitters, smiths and joiners.	..	42	1,513	12	..	..	1,567	14
Enginemen .. .. .	..	..	1,269	937	..	..	2,196	15
Total .. .. .	1,374	6,339	8,790	3,655	889	78	21,335	139
<b>BREWING AND MALTING.</b>								
Head brewers, head maltsters, foremen and leading hands, working mash and copper-side brewers, and head cellarmen.	..	365	1,349	2,126	365	..	4,205	12
Working brewers and maltsters.	..	1,268	15,384	2,557	..	..	19,209	126
Coopers .. .. .	..	70	2,108	1,545	..	..	3,723	15
Smiths, joiners, and masons and bricklayers.	..	851	2,300	304	..	..	3,455	20
Engineers and enginemen ..	..	749	1,095	365	334	..	2,543	11
Total .. .. .	..	3,303	22,236	6,897	699	..	33,135	183
<b>TANNING.</b>								
Journeymen tanners and fullers.	1,407	14,240	11,446	6,822	2,737	310	36,962	213
Enginemen .. .. .	..	..	350	..	..	..	350	1
Total .. .. .	1,407	14,240	11,796	6,822	2,737	316	37,312	214

CERTAIN TRADES AT MANNHEIM (BADEN).(a)

TABLE 22.—LIMITS of the WEEKLY EARNINGS of the WORKMEN and WORK-  
WOMEN (*Exclusive of Apprentices and of Lads and Girls under 16 years*)  
employed in certain ESTABLISHMENTS at MANNHEIM (BADEN) and its  
immediate Vicinity, in 1890.

Limits of Weekly Earnings.	Engineer- ing and Iron Ship- building.	Chemical Works.	Pottery, Brick and Tile Manu- facture.	India- rubber Manu- facture.	Printing.
(1)	(2)	(3)	(4)	(5)	(6)
I.—NUMBER of (Adult) Workpeople whose Weekly Earnings were within the Limits stated in Column 1.					
MEN. (16 years and over.)					
12s. and under ..	62	176	29	37	4
Over 12s. and up to 15s. ..	106	420	21	173	5
" 15s. " 18s. ..	302	594	110	145	5
" 18s. " 21s. ..	436	529	62	84	11
" 21s. " 24s. ..	414	471	44	36	41
" 24s. " 27s. ..	519	315	32	24	23
" 27s. " 30s. ..	278	81	11	14	4
Over 30s. ..	439	106	5	8	8
Total Men ..	2,358	2,539	314	521	101
WOMEN. (16 years and over.)					
6s. and under ..	..	5	5	10	3
Over 6s. and up to 8s. ..	..	32	7	150	3
" 8s. " 10s. ..	..	46	7	72	9
" 10s. " 12s. ..	..	10	3	32	2
Over 12s. ..	..	1	..	32	1
Total Women ..	..	94	22	296	18
II.—PERCENTAGE of (Adult) Workpeople whose Weekly Earnings were within the Limits stated in Column 1.					
MEN. (16 years and over.)					
12s. and under ..	2'62	6'80	9'23	7'10	3'96
Over 12s. and up to 15s. ..	4'56	16'22	6'69	33'21	4'86
" 15s. " 18s. ..	12'81	22'94	35'03	27'63	4'86
" 18s. " 21s. ..	18'49	20'43	19'75	16'12	10'89
" 21s. " 24s. ..	17'56	18'19	14'01	6'91	40'60
" 24s. " 27s. ..	15'33	8'23	10'19	4'61	23'77
" 27s. " 30s. ..	11'79	3'13	5'50	2'69	3'86
Over 30s. ..	16'62	4'06	1'60	1'58	7'92
Total Men ..	100'00	100'00	100'00	100'00	100'00
WOMEN. (16 years and over.)					
6s. and under ..	..	5'32	22'72	3'38	16'67
Over 6s. and up to 8s. ..	..	34'04	31'82	50'68	16'67
" 8s. " 10s. ..	..	48'94	31'82	24'32	59'00
" 10s. " 12s. ..	..	10'64	13'64	10'81	11'11
Over 12s. ..	..	1'06	..	10'81	5'55
Total Women ..	..	100'00	100'00	100'00	100'00

(a) Compiled from *Die Sociale Lage der Fabrikarbeiter in Mannheim und dessen nächster Umgebung*, prepared by direction of the Baden Ministry of the Interior.

WAGES IN HOLLAND.

GOVERNMENT CONTRACTS.(a)

TABLE 23.—AVERAGE WAGES PAID to certain CLASSES of (Adult) WORKPEOPLE engaged on GOVERNMENT CONTRACTS in HOLLAND (*Exclusion in either case of Wages paid under Sub-contracts and of Piece and Tusk Wages*), in 1894.

I.—Wages on Contracts other than for Dredging Works.		
Classes of Workpeople (Adults).	Average Hourly Wages.	No. of Cases (b) of Employment on which the Average is based.
Day labourers ... ..	d. 2½	12,340
Navvies, &c. ... ..	2½	5,477
Porters, &c. ... ..	3	4,163
Carpenters ... ..	3½	4,146
Masons and bricklayers ... ..	3½	2,050
Shipwrights ... ..	3	1,780
Bank-makers (wattle and mud) ... ..	3½	1,757
Painters ... ..	3½	1,588
Masons' and bricklayers' labourers and house-breakers. ... ..	2½	1,566
Smiths ... ..	3½	1,516
Stone-setters and basalt workers ... ..	3½	1,457
Turners, planers, fitters and ironworkers ... ..	4	1,453

II.—Wages on Contracts for Dredging Works.						
Classes of Workpeople (Adults).	Average Hourly Wages.	No. of Cases (b) on which the Average specified in Col. 2 is based.	Average Daily Wages.	No. of Cases (b) on which the Average specified in Col. 4 is based.	Average Weekly Wages.	No. of Cases (b) on which the Average specified in Col. 6 is based.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Skippers, mill-workers, salt-workers, and watchmen. ... ..	d. 3	43	s. d. 2 11½	528	s. d. 17 3	3,059
Stokers ... ..	3	32	2 6½	34	17 7	863
Rowers, deck-hands, pilots and turf-stowers. ... ..	...	...	2 10	330	17 8	2,118
Dredgers and porters... ..	3½	102	2 8½	161	18 8	528
Enginemen and engine-drivers. ... ..	3	43	3 5½	127	24 2	1,397
Foremen ... ..	4½	26	2 10½	397	24 8	748
Works managers and captains. ... ..	4	4	5 4	32	25 0	489

(a) Compiled from *Bijdragen tot de Statistiek van Nederland, III., Overzicht betreffende de Loonen en den Arbeidsduur bij Rijkswerken in 1894*, published by the Dutch Central Statistical Commission.

(b) i.e. No. of Returns; every person employed at any given rate of wages during the whole or part of any one month in the year counts as one "case." Thus, any particular day labourer employed on a Government contract for 9 months at, say, 2½d. an hour, and then for 3 months at, say, 3d. an hour, would count as 9 "cases" of employment at 2½d. per hour, and 3 "cases" of employment at 3d. per hour.

## WAGES IN BELGIUM.

### AGRICULTURAL LABOUR.(a)

TABLE 24.—AVERAGE DAILY WAGES of AGRICULTURAL LABOURERS in BELGIUM.

Year.	Average Daily Wages without Board.		Average Daily Wages with Board.	
	MEN.	WOMEN.	MEN.	WOMEN.
	s. d.	s. d.	d.	d.
1874 ... ..	1 7½	0 11½	11½	6½
1880 ... ..	1 7½	1 0	11½	6½
1890 ... ..	1 6½	0 11½	11½	7
1895 ... ..	1 7	0 11½	11½	7

### CERTAIN INDUSTRIAL CENTRES. (b)

TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891.

Metal Trades.			
Occupation.	Estimated Average Daily Earnings of Workpeople.	Occupation.	Estimated Average Daily Earnings of Workpeople.
<b>Blastfurnaces: Seraing.</b>	s. d.	<b>Blastfurnaces: Seraing</b>	s. d.
MEN (over 21 years).		—cont.	
Keepers (First) ... ..	4 0½	MEN (over 21 years)—cont.	
" (Second-Slaggers) ...	3 1½	Bricklayers ... ..	2 11½
" (Third-Helpers) ...	2 8	Bricklayers' labourers ...	1 3
Chargers ... ..	3 7½	WOMEN (over 21 years).	
Coke and mine fillers ...	2 10½	Coke and mine fillers ...	1 6½
Ore and limestone breakers	2 3½		
Pig lifters ... ..	3 2½	<b>Manufactured Iron</b>	
" unloaders ... ..	2 5½	<b>Trade: Seraing.</b>	
Slag loaders ... ..	2 6½	MEN (over 21 years).	
Enginemen ... ..	2 8	Puddlers ... ..	4 9½
Stokers ... ..	2 7½	" (underhands) ...	4 0
Machinery (air-heating) attendants.	3 0	Hammermen ... ..	4 0
Fitters ... ..	3 3½	Hammermen's helpers ...	3 2½
Smiths ... ..	3 3½	Rolling-mill men ...	5 2½
Smiths' strikers ... ..	2 0	Helpers at rolling-mills ...	2 11½
Turners ... ..	2 10½		

(a) Compiled from *Annuaire Statistique de la Belgique*, published by the Belgian Ministry of the Interior and of Public Instruction. It is stated that the practice of providing labourers with board is more and more falling into desuetude (*Statistique de la Belgique: Agriculture: Recensement Général de 1895*, published by the Belgian Ministry of Agriculture and Public Works, p. 415).

(b) Compiled from *Salaires et Budgets Ouvriers en Belgique au Mois d'Avril, 1891*, published by the Belgian Ministry of Agriculture, Industry and Public Works. The figures are based upon information furnished by the Councils of Industry and Labour, composed of equal numbers of employers and workpeople. The Belgian tables give the earnings of workpeople of different ages up to "over 21 years." In those cases, in which only a few classes of workpeople are mentioned in the figures for the younger ages, the earnings of those of the age last specified are alone given here.

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*

Metal Trades— <i>continued.</i>			
Occupation.	Estimated Average Daily Earnings of Work- people.	Occupation.	Estimated Average Daily Earnings of Work- people.
<b>Steel Making: Seraing.</b>	<i>s. d.</i>	<b>Engineering: Seraing.</b>	
MEN (over 21 years).		MEN (over 21 years).	
Third hands at Bessemer cupolas.	2 9½	Iron and Brass Founding.	<i>s. d.</i>
Sump hands (Bessemer- steel making).	3 1½	Head moulders ... ..	4 9½
First hands at rail-mill furnaces.	5 8½	Journeymen moulders ...	3 2½
Second " " "	3 7½		
Third " " "	3 0½	Forges.	
Fourth " " "	2 8½	Hammermen ... ..	7 2½
Rail-mill men ... ..	3 7½	Smiths ... ..	4 7½
Finishers (rails) ... ..	3 0½	Smiths' strikers ... ..	2 7½
First hammermen ... ..	5 9		
Fitters... ..	2 10½	Turning, Fitting, &c.	
Turners ... ..	3 0	Turners (leading hands) ...	4 4½
Boiler-makers ... ..	3 0	Turners ... ..	3 4½
Smiths ... ..	3 2½	Fitters (leading hands) ...	3 10
Smiths' strikers ... ..	2 2½	Fitters ... ..	3 0
Enginemmen ... ..	2 8½	Drillers ... ..	3 4½
Stokers ... ..	2 10	Planishers ... ..	3 6½
Spring benders ... ..	4 0	Pattern-makers (leading hands).	4 4½
Joiners ... ..	2 9½	Pattern-makers ... ..	3 2½
Bricklayers ... ..	2 9½		
Labourers ... ..	2 4½		
WOMEN (over 21 years).			
Coal carriers ... ..	1 10		



CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*

Metal Trades— <i>continued.</i>				
Occupation.	Estimated Average Daily Earnings of Workpeople of the age of			
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.
<b>Engineering, &amp;c.: Brussels.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<b>MALE.</b>				
Markers-off ... ..	...	...	...	5 2½
Erectors and assemblers, &c.	1 2½	1 7½	2 0	{ 2 4½ to 3 7½
Fitters ... ..	1 2½	1 7½	{ 2 0 to 2 9½	3 7½
Turners ... ..	...	1 7½	...	3 7½
Planers ... ..	...	1 7½	...	3 7½
Milling-machine men ...	...	1 7½	...	2 9½
Drillers ... ..	1 0	1 2½	1 7½	2 4½
Fine borers ... ..	...	...	...	3 2½
Punchers ... ..	...	...	...	3 4½
Riveters ... ..	...	...	...	3 7½
Moulders (mould-makers)...	1 2½	1 7½	2 4½	3 7½
Founders (metal-heaters and pourers).	...	...	...	2 9½
Core-makers ... ..	...	...	1 7½	3 2½
Smiths ... ..	...	...	2 9½	3 7½
Smiths' helpers and strikers.	...	...	2 0	2 4½
Shoemiths ... ..	...	...	...	3 7½
Locksmiths, &c. ... ..	1 7½	...	2 9½	3 7½
Stovesmiths ... ..	1 7½	...	2 9½	3 7½
Box and safe makers ...	...	...	2 1	3 7½
Box and safe makers' helpers.	...	...	...	2 4½
Combination lock makers ...	...	...	...	4 4½
Helpers ... ..	...	...	2 4½	2 4½
Labourers ... ..	...	1 7½	2 0	2 0

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*Metal Trades—*continued.*

Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of			
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.
<b>Engineering, &amp;c. : Liège.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
MALE.				
Smiths ... ..	2 9½	3 2½	{ 2 8½ } to 3 7½	{ 3 6½ } to 3 10
Smiths' helpers and strikers.	1 9	{ 2 1 } to 2 3	{ 2 3 } to 2 4½	{ 2 3½ } to 2 6½
Turners ... ..	{ 1 3½ } to 2 9½	{ 2 0 } to 3 0½	{ 2 3 } to 2 3½	{ 3 0 } to 3 7½
Fitters ... ..	{ 1 1½ } to 2 6½	{ 1 9 } to 2 8½	{ 2 4½ } to 2 10½	{ 2 9½ } to 3 3
Chippers ... ..	0 4½	1 11	2 3	2 4½
Planers and milling-machine men.	1 3½	1 9	2 3	3 0½
Planers ... ..	2 3	2 4½	2 9½	{ 3 1 } to 3 2½
Drillers ... ..	...	{ 1 11 } to 2 3	{ 2 1 } to 2 4½	{ 2 6½ } to 2 10
Coppersmiths ... ..	1 9	...	...	2 6
Grinders ... ..	...	...	...	2 10½
Temperers ... ..	...	...	...	2 9½
Hammermen... ..	...	...	...	5 3½
Pattern-makers ... ..	...	2 4½	2 6½	{ 2 8½ } to 3 3½
Furnacemen ... ..	...	...	...	4 5½
Erectors and assemblers ...	{ 1 3½ } to 2 6½	{ 1 11 } to 2 8½	{ 2 4½ } to 2 10½	{ 3 0½ } to 3 2½
Enginemen ... ..	...	2 4½	2 9½	{ 3 8½ } to 3 8½
Enginemen and stokers ...	...	...	...	2 9½
Boiler-makers (erectors) ...	2 6½	2 8½	2 10½	3 2½
„ (rivetters and filers).	2 4½	2 6½	2 8½	2 10½
„ ... ..	1 1½	1 9	2 3	2 10½
Painters ... ..	...	...	...	2 6½
Moulders (mould-makers) in loam.	...	2 7½	2 9½	3 2½
Moulders (mould-makers) in sand.	...	2 4½	2 6½	{ 2 8½ } to 3 0
Founders (metal-heaters and pourers).	...	...	2 4½	{ 2 9½ } to 2 11½
Core-makers ... ..	...	2 4½	2 6½	{ 2 7½ } to 2 9½
Labourers ... ..	...	1 11	2 3	2 4½

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*

Metal Trades— <i>continued.</i>			
Occupation.	Estimated Average Daily Earnings of Workpeople.	Occupation.	Estimated Average Daily Earnings of Workpeople.
<b>Locksmith's Work, Safe and Stove Making: Liège.</b>	<i>s. d.</i>	<b>Chain and Bolt, &amp;c. Making: Jumet.</b>	<i>s. d.</i>
MEN (over 21).		MEN (over 21).	
Locksmiths' fitters ... ..	3 2½	Smiths ... ..	3 7½
Fitters ... ..	2 9½	Smiths' assistants ... ..	2 4½
Smiths ... ..	3 7½	Chainmakers ... ..	4 0
Plate-makers... ..	4 0	Bolt-makers ... ..	2 9½
<b>Zincworks: Seraing.</b>		Turners (iron) ... ..	3 2½
MEN (over 21).		Fitters ... ..	3 2½
Fillers ... ..	3 9½	Enginemen ... ..	3 2½
Furnacemen ... ..	4 4½	Labourers ... ..	2 0
Furnace labourers ... ..	3 4½	WOMEN (19 to 21).	
Gangers ... ..	4 0½	Screw-makers ... ..	1 0½
<b>Untinning Tinplates: Brussels.</b>		Drillers ... ..	0 11½
MEN (over 21).		<b>Gun, &amp;c. Manufacture: Liège.</b>	
Foremen ... ..	3 0	MEN (over 21).	
Furnacemen ... ..	3 4½	Sight and barrel, &c. filers (leading hands).	3 4½
Men at chlorine machines ...	2 7½	Sight and barrel, &c. filers	2 4½
Men at untinning machines	2 7½	Borers and riflers ... ..	2 7½
Tin sorters ... ..	2 2½	Lever makers ... ..	2 4½
Iron sorters ... ..	2 4½	Notchers ... ..	2 2½
Iron pressers... ..	3 0½	Gunstock makers ... ..	2 4½
Packers ... ..	2 4½	Assemblers ... ..	2 9½
Fitters ... ..	5 4	Lock filers and action makers	2 4½
Smiths ... ..	2 4½	Repairers ... ..	3 2½
Gangers of yard labourers...	2 7½	Engravers ... ..	2 4½
Yard labourers ... ..	2 2½	Carvers ... ..	2 4½
Wicker workers ... ..	2 4½	Varnishers (browners, &c.)	2 7½
Joiners ... ..	2 9½	Examiners (on premises of manufacturer).	3 0
Bricklayers ... ..	2 7½	WOMEN (over 21).	
Pointers (brickwork) ... ..	2 7½	Varnishers (browners, &c.)	1 7½
<b>Bolt, &amp;c. Making: Gilly.</b>		<b>Electrical Engineering: Brussels.</b>	
MEN (over 21).		MEN (over 21).	
Smiths ... ..	3 7½	Erectors and assemblers ...	6 4½
Strikers ... ..	3 4½	Fitters... ..	5 7½
Toolsmiths ... ..	4 2½	Turners ... ..	4 9½
Turners ... ..	3 7½	Labourers ... ..	2 4½
Chippers ... ..	2 7½	<b>Jewellery, Watch and Clockmaking, &amp;c.: Brussels.</b>	
Enginemen ... ..	2 9½	MEN (over 21).	
WOMEN (19 to 21).		Jewellers ... ..	4 9½
Screw-makers ... ..	1 3½	Goldsmiths ... ..	3 7½
		Watch and clockmakers ...	4 0
		Chasers ... ..	4 0
		Engravers ... ..	3 7½

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*Metal Trades—*continued.*

Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of			
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.
Bronze Work, Jewellery, and Gas Fittings, etc.: Liège.	<i>d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
MALE.				
Chippers and filers ...	4½	1 0	1 7½	3 9½
Turners ...	4½	0 9½	1 2½	3 2½
Relief stampers ...	...	...	1 2½	3 2½
Assemblers ...	4½	1 0	2 0	3 2½
Gilders ...	...	...	...	4 9½
Half-scourers ...	...	...	...	2 2½
Polishers ...	...	...	...	3 0
Goldsmiths ...	...	...	...	4 0

## Textile Trades.

Cotton Spinning: Ghent.	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
MALE.				
Scutchers ...	...	1 5½	1 7½	1 11
Strippers ...	...	...	...	2 0½
Grinders ...	...	...	...	2 10½
Grinders' helpers ...	...	...	...	2 5½
Spinners ...	...	...	...	3 5½
Piecers ...	1 2½	1 7½	2 0	2 0
" (doubling) ...	1 1½	1 6½	1 10	1 10
Doublers ...	...	...	...	3 8½
Warpers ...	...	...	...	3 3½
Yarn bundlers ...	...	...	...	2 11
Labourers ...	...	...	...	1 11
FEMALE.				
Drawing-frame tenters ...	...	...	1 7½	1 7½
Roving-frame tenters ...	...	...	1 11	1 11
Throstle spinners ...	...	1 5½	1 9½	1 9½
Doublers ...	...	...	1 10½	1 10½
Reelers ...	...	2 0	2 0	2 0
Cotton Weaving: Ghent.				
MALE.				
Overlookers ...	...	...	...	3 9½
Assistant overlookers ...	...	...	...	2 9½
Sizers ...	...	...	...	3 2½
Assistant sizers ...	...	...	1 9½	...
Drawers-in and twistere-in ...	...	...	...	3 7½
Assistant drawers-in and twistere-in & apprentices.	...	...	2 0	...

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*

Textile Trades— <i>continued.</i>				
Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of			
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.
<b>Cotton Weaving:</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<b>Ghent—<i>cont.</i></b>				
<b>MALE—<i>cont.</i></b>				
Weavers ... ..	...	...	...	2 8½(a)
Warehousemen ... ..	...	...	...	3 4½
Assistant warehousemen ... ..	...	...	...	2 5½
Enginemmen ... ..	...	...	...	3 4½
Stokers ... ..	...	...	...	3 4½
Labourers ... ..	...	...	...	2 4½
<b>FEMALE</b>				
Winders ... ..	...	...	...	2 1
Warpers ... ..	...	...	...	2 2½
<b>Woollen and Worsted Manufacture, Spinning: Brussels.</b>				
<b>MALE</b>				
Wool sorters ... ..	...	...	1 7½	3 3½
„ combers ... ..	...	...	...	2 4½
Spinners ... ..	1 1½	...	...	2 10½
<b>FEMALE</b>				
Wool combers ... ..	...	...	1 3½	1 7½
Spinners ... ..	1 0½	1 2	1 2½	1 5½
<b>Woollen and Worsted Manufacture, Weaving: Brussels.</b>				
<b>MALE</b>				
Warpers ... ..	1 0	2 1	2 1	2 9
Weavers ... ..	0 11½	1 5½	1 11	2 4½
Dyers ... ..	1 2½	...	2 0	2 3
Finishers ... ..	...	...	...	2 7½
<b>FEMALE</b>				
Winders ... ..	0 9½	0 11½	1 2½	1 4½
Weavers ... ..	1 3½	1 11½	2 0½	2 1
Finishers ... ..	...	...	...	1 6½
<b>Woollen and Worsted Manufacture, Spinning and Weaving: Liège.</b>				
<b>MALE</b>				
Spinners ... ..	...	...	...	4 0
Warpers ... ..	...	...	...	2 2
Weavers ... ..	...	...	...	2 2½
Fullers ... ..	...	...	...	2 4½
Cloth dressers ... ..	...	1 4½	...	2 9½
Enginemmen ... ..	...	...	...	3 2½
Labourers ... ..	...	...	...	2 2½

(a) Average wages of men, women and apprentices, taken together.

## CERTAIN INDUSTRIAL CENTRES—continued.

TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—continued.

Textile Trades—continued.				
Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of			
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.
<b>Woollen and Worsted Manufacture, Spinning and Weaving: Liège—cont.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<b>FEMALE.</b>				
Scribblers ... ..	...	...	2 0½	2 0½
Weavers ... ..	...	...	...	2 2½
Burlers and knotters ...	...	1 3½	1 3½	1 3½
<b>Flax Spinning: Liège.</b>				
<b>MALE.</b>				
Overlookers ... ..	...	...	...	4 8½
Yarn storemen ... ..	...	...	2 0½	2 6½
Flax cutters ... ..	1 1½	1 0½	1 6½	1 5½
Hacklers (machine) ...	0 10½	0 11	0 10½	...
" (hand) ... ..	...	...	...	2 5½
Carders ... ..	...	...	...	2 7½
Shafting, etc. oilers... ..	1 5½	1 7½	1 8½	1 11½
Oilers and card-fixers ...	1 3½	1 5½	...	...
Hackle-setters and makers	...	...	...	2 9½
Apprentice hackle-setters ...	...	1 4½	1 11	...
Enginemmen ... ..	...	...	...	3 5
Stokers ... ..	...	...	...	2 8
Boiler cleaners ... ..	...	...	...	2 2½
Bundlers and driers ...	...	1 7½	...	3 2½
<b>FEMALE.</b>				
Carders ... ..	0 11½	1 0½	0 11½	0 11½
Drawers ... ..	0 10½	0 10½	0 11½	0 11
Spreaders ... ..	0 10½	0 11½	0 10½	0 11
Rovers ... ..	1 0	0 11½	1 1½	1 1½
Doffers ... ..	0 10	0 11	...	...
Spinners ... ..	1 2½	1 3½	1 8½	1 0½
Reelers ... ..	1 8½	1 8½	1 8½	1 8½
Apprentice reelers ... ..	0 9½	0 9½	0 9½	0 9½
Sweepers and cleaners ...	1 0½	0 11½	1 1½	1 1½
<b>Linen Weaving: Ghent.</b>				
<b>MALE.</b>				
Heald and reed makers ...	...	...	...	2 1½
Drawers-in ... ..	0 11	1 6	...	...
Weavers ... ..	...	1 7½	1 10½	2 1½
Dressers (finishing)... ..	...	...	...	2 8
Enginemmen and stokers ...	...	...	...	2 8
Smiths ... ..	...	...	...	2 5½
Labourers ... ..	...	...	1 8½	2 1
<b>FEMALE.</b>				
Winders ... ..	...	...	1 4	2 0
Warpers ... ..	...	...	...	2 4½

## CERTAIN INDUSTRIAL CENTRES—continued.

TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—continued.

Textile Trades—continued.				
Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of			
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.
<b>Linen Weaving: Courtrai.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
<b>MALE.</b>				
Overlookers ... ..	...	...	...	3 4
Hackle setters ... ..	...	...	...	3 5½
Warpers ... ..	...	...	...	2 3½
Tenters or tuners ... ..	...	...	...	2 9½
Heald and reed makers ... ..	...	...	2 4½	3, 2½
Dressers ... ..	...	...	...	2 3½
Weavers ... ..	...	2 8	...	3 2½
Cloth lappers ... ..	...	...	...	2 3½
Fitters ... ..	...	...	...	3 5½
Carpenters ... ..	...	...	...	3 2½
<b>FEMALE.</b>				
Winders ... ..	...	1 4½	...	...
Weavers ... ..	...	2 8	...	...

## Glass Trade.

Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of				Number of Days Worked in Month.
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.	
<b>Glass Works: Roux. (Sheet Glass Industry.)</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
<b>MALE.</b>					
Mixers ... ..	...	...	2 0½	2 2½	30
Furnace-fillers ... ..	...	...	2 3½	2 4½	30
Gas-producer men ... ..	...	...	...	3 7½	20
Blowers ... ..	...	...	...	14 0	20
Gatherers ... ..	2 4½	2 9½	4 9½	6 0	20
Furnace cleaners ... ..	...	...	1 7½	1 7½	30
Splitters ... ..	...	...	...	2 8	30
Splitters' helpers ... ..	1 7½	1 7½	...	...	30
Flatteners ... ..	...	2 4½	4 9½	6 4½	20
Flatteners' helpers ... ..	1 4½	1 7½	...	...	30
Assorters of cylinders and sheets.	...	...	2 8	3 2½	30
Glass cutters and apprentices	1 10	2 2	2 7½	4 0	26
Assorters ... ..	...	...	...	4 0	26
Packers ... ..	...	...	2 5½	2 9½	26
Box makers and joiners ... ..	...	2 4½	2 4½	2 4½	30
Smiths ... ..	...	...	...	2 9½	30
Smiths' strikers ... ..	...	1 7½	1 8½	1 10	30
Coal wheelers ... ..	...	...	2 0½	2 2½	30
Yard labourers ... ..	...	...	2 1½	2 2½	30
<b>FEMALE.</b>					
Cylinder carriers ... ..	0 8½	0 8½	0 8½	0 8½	30

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*

Glass Trade— <i>continued.</i>					
Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of				Number of Days Worked in Month.
	16 up to 17 years.	17 up to 18 years.	19 up to 21 years.	Over 21 years.	
<b>Glass Works: Marchienne - au - Pont.</b> (Sheet Glass Industry.)	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
<b>MALE.</b>					
Mixers ... ..	...	...	...	3 0½	30
Gas-producer men ... ..	...	...	...	{ 2 4½ to 4 3½ }	30 20
Tensers ... ..	...	...	...	5 2½	20
Blowers ... ..	...	...	...	13 4	24
Gatherers ... ..	...	3 0	4 0	5 10½	24
Second-time gatherers ...	2 2	2 8	...	...	24
Cleaners ... ..	...	...	...	2 3½	30
Splitters ... ..	...	...	...	2 11½	30
Splitters' helpers ... ..	...	...	1 8½	...	30
Assorters of cylinders ...	...	...	...	3 5½	30
Flattening-kiln lads ...	0 10½	...	...	...	30
Flatteners ... ..	...	...	4 9½	6 9½	20
Flatteners' helpers ...	1 2½	...	...	...	30
Pushers ... ..	0 9½	...	...	...	30
Glass carriers ... ..	...	1 7½	1 7½	...	30
Glass cutters ... ..	0 10½	2 2	3 1	4 1½	26
Assorters ... ..	...	...	...	4 2	26
Packers ... ..	...	...	2 3½	2 11	26
Packers' helpers ... ..	...	1 10	...	...	26
Boxmakers ... ..	1 7½	2 0	2 4½	3 4½	26
Smiths ... ..	...	...	...	4 0	26
Smiths' strikers ... ..	...	1 10½	1 10½	...	26
Carpenters ... ..	...	...	...	3 0	26
Enginemmen ... ..	...	...	...	2 3½	30
Stokers ... ..	...	...	...	2 4½	30
Brickmakers ... ..	...	...	...	2 7½	Not stated.
Masons and bricklayers ...	...	...	...	3 2½	26
Slaters ... ..	...	...	...	2 9½	26
Coal wheelers ... ..	...	...	...	2 4½	30
Labourers ... ..	...	...	...	2 2½	26
<b>FEMALE.</b>					
Cleaners ... ..	...	...	1 0	...	30
Cylinder carriers ... ..	...	1 0	1 0	...	30
Flatteners' helpers ...	1 2½	...	...	...	30
Flattening-kiln girls ...	0 10½	...	...	...	30
Pushers ... ..	0 9½	...	...	...	30



## CERTAIN INDUSTRIAL CENTRES—continued.

TABLE 25.—ESTIMATED AVERAGE DAILY EARNINGS of various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—continued.

## Glass Trade—continued.

Occupation.	Estimated Average Daily Earnings of Workpeople of the Age of				Number of Days Worked in Month.
	16 up to 17 years.	17 up to 19 years.	19 up to 21 years.	Over 21 years.	
Glass Works : Seraing.					
(Flint Glass Industry.)					
MALE.					
Glass makers... ..	1 11½	1 11½	1 11½	3 11	26
Glass cutters... ..	1 11	1 11	1 11	4 2	26
Engravers ... ..	1 3½	1 3½	1 3½	3 4½	26
FEMALE.					
Glass cutters... ..	1 2	1 2	1 2	1 7½	26

## Coal Mining.

Locality.	Estimated Average Daily Earnings of			
	Hewers (Men over 21 years).	Road Cutters (Men over 21 years).	Putters and Trammers (over 21 years).	
			Men.	Women.
	s. d.	s. d.	s. d.	s. d.
Châtelet ...	4 1	3 11½	2 9½	1 9½
Farciennes ...	4 2½	4 1	2 5	...
Gilly ...	4 4½	4 7½	...	1 11½
Marohienne-au-Pont ...	4 5½	4 5½	3 0	1 11
Roux ...	4 8½	4 8½	...	1 10½
Bernissart ...	3 3½	2 11½	2 5 (a)	...
Boussu ...	3 5½	3 2½	3 8½	...
Ciply ...	3 6½	3 7	3 5½	...
Cuesmes ...	3 5½	3 7½	3 5½	...
Dour ...	3 7½	3 5½	3 9½	...
Flénu ...	3 2½	3 7	3 4½	...
	3 4	3 2½	3 8	...
Frameries ...	to 3 6½	to 3 2½	to 3 10½	...
Ghlin... ..	4 8½	4 7½	3 2½	...
Hornu ...	3 8	3 2	2 8	...
	3 2½	3 1½	3 5½	...
Pâturages ...	to 3 4½	to 3 4½	to 3 9	...
Wasmes ...	3 6½	3 7½	3 7½	...
Liège ...	4 3½	3 9½	3 6½	...
Seraing ...	4 4½	3 5½	3 3½	...

(a) 17 to 19 years.

## PUBLIC

TABLE 26.—MINIMUM WAGES required to be paid to WORKPEOPLE engaged, PRINCIPAL TOWNS, and for the

Occupation.	Minimum Wages Per Hour required to be paid to tions by Contractors for Public Works carried out				
	Brussels, 1898 and 1899.	Antwerp, 1896.	Ghent, 1896 and 1898.	Schaer- beck, 1896.	Verviers, 1896.
Stonecutters (c) ..	d.	d.	d.	d.	d.
Masons and brick- layers (c).	3½	3½	3½	...	3½
Masons' and brick- layers' labourers.	2½	...	2½	2½	...
Carpenters (c) ...	3½	3½	3½	...	(d)
Carpenters' labourers	2½	...	...	...	...
Joiners (c) ...	3½	3½	3½	...	3½
Joiners' labourers ...	2½	...	...	...	...
Plasterers ...	3½	...	...	...	4
Ceiling plasterers ...	3½	...	3½	...	3½
Ceiling plasterers' labourers.	2½	...	2½	...	...
Painters (decorators)	5½	...	...	...	...
Painters (grainers) ...	4½	...	...	...	...
Painters, 1st class ...	3½	}	3	...	(d)
" 2nd class ...	3½				
" 3rd class ...	3½				
Glaziers ...	3½	...	3½	...	(d)
Glaziers' labourers ...	2½	...	...	...	...
Plumbers (c) ...	3½	}	3½	...	3½
Zinc workers (c) ...	3½				
Plumbers' and zinc workers' labourers.	2½				
Slaters ...	3½	...	3½	...	(d)
Tilers ...	3½	3½	...	...	(d)
Slaters' labourers ...	2½	...	2½	...	...
Tilers' labourers ...	...	...	...	...	...
Paviors ...	3½	...	4½	3½	4½
Paviors' labourers ...	2½	...	3	2½	...
Navvies ...	3	2½	3	3½	3
Carters ...	3½	...	3	3	3
Labourers generally ...	2½	2½	...	...	2½

(a) Compiled from *Minimum de Salaire, Enquête—Mai 1896, Rapport présenté Travail*, published by the Belgian Labour Department, and from information

(b) The rates mentioned at Tournai are taken from a wages-scale inserted in

(c) The scale in force at Brussels fixes the minimum wages of improvers at 3d. for plumbers, and zinc workers; at Ghent the minimum wage for improvers

(d) 3d. per hour for all skilled trades not specified.

(e) 3½d. per hour for all skilled trades not specified.

(f) Plumbers—pumps, etc.

(g) Plumbers and zinc workers—on building jobs.

(h) Plumbers' labourers.

(j) 2½d. per hour for all unskilled labour not specified.

## CONTRACTS.(a)

in various TRADES by CONTRACTORS for PUBLIC WORKS carried out for certain PROVINCE of HAINAUT, in BELGIUM.

Workpeople engaged in the under-mentioned Occupa- for the under-mentioned Towns and Province :—					Occupation.
Ander- lecht, 1896.	Tournai (b), 1896.	Jumet, 1896.	Roulers, 1892-1896.	Province of Hainaut, 1896 and 1897.	
d.	d.	d.	d.	d.	
(e)	3½	3½	3½	3½	Stonecutters (c).
3½	3½	3½	3	3½	Masons and brick- layers (c).
2½	2	2½	2	2½	Masons' and brick- layers' labourers.
...	3½	3½	3	3½	Carpenters (c).
...	...	2½	...	2½	Carpenters' labourers.
(e)	3½	3½	3	3½	Joiners (c).
...	...	2½	...	2½	Joiners' labourers.
(e)	...	...	...	...	Plasterers.
(e)	3½	3½	3	3½	Ceiling plasterers.
...	1½	2½	2	2½	Ceiling plasterers' labourers.
...	...	...	...	...	Painters (decorators)..
...	...	...	...	...	Painters (grainers).
(e)	3½	3½	3	3½	Painters, 1st class.
(e)	3½	3½	3	3½	" 2nd class.
...	...	2½	...	2½	" 3rd class.
(e)	3½	3½	3	3½	Glaziers.
...	...	2½	...	2½	Glaziers' labourers.
(e)	4½ (f)	3½	3	3½	Plumbers (c).
(e)	3½ (g)	3½	3	3½	Zinc workers (c).
...	1½ (h)	2½	...	2½	Plumbers' and zinc workers' labourers.
(e)	...	3½	3	3½	Slaters.
(e)	3½	...	...	...	Tilers.
...	...	2½	2	2½	Slaters' labourers.
...	1½	...	...	...	Tilers' labourers.
3½	4½	3½	3½	3½	Paviors.
2½	...	2½	3	2½	Paviors' labourers.
3½	3	2½	2	2½	Navvies.
...	...	2½	...	2½	Carters.
(j)	...	...	...	...	Labourers generally.

au Conseil Communal (Ville de Bruxelles, Travaux Publics), 1896; and *Revue des*  
furnished by that Department.

public contracts as a standard, but not as a legally enforceable minimum scale.  
per hour for stonecutters, masons and bricklayers, carpenters, and joiners, and  
generally is fixed at 2d. per hour.

# WAGES IN VARIOUS GROUPS (GENERAL)

TABLE 27.—AVERAGE AMOUNT EARNED per DAY WORKED and during the

Paris and Environs.					
Group of Trades.	Number of Work-people (including Foremen and Forewomen) of both sexes and all ages comprised in the Returns.	Average EARNINGS per DAY WORKED of			Average EARNINGS during the YEAR of all Work-people (including Foremen and Forewomen) of both sexes and all ages.
		Workmen over 18 years, other than apprentices, etc. (Foremen not included).	Work-women over 18 years, other than apprentices, etc. (Forewomen not included).	All Work-people (including Foremen and Forewomen) of both sexes and all ages.	
<b>BUILDING TRADES.</b>					
Water and gas-supply works, public works construction and general building.	2,850	s. d. 4 11½	s. d. 2 4½	s. d. 5 0½	£ s. d. 63 12 0
Stone and marble cutting .. .. .	..	..	..	..	..
Distribution of electricity .. .. .	..	..	..	..	..
<b>MINING AND QUARRYING.</b>					
Mines .. .. .	..	..	..	..	..
Quarries .. .. .	..	..	..	..	..
<b>METAL TRADES.</b>					
Pig iron (blastfurnaces), steel, etc., manufacture.	..	..	..	..	..
Manufactured iron and steel works .. ..	4,700	5 0	2 4½	4 9½	72 0 0
Engineering and iron and steel shipbuilding	8,150	5 3½	2 5½	5 1	70 8 0
Metal wares, etc. .. .. .	4,280	5 3½	2 0	4 5½	63 12 0
Manufacture of articles in precious metals, watchmaking, etc.	1,500	5 6½	3 7½	4 4½	63 16 0
<b>TEXTILE TRADES</b> .. .. .					
.. .. .	2,880	4 0½	2 2	3 0½	44 8 0
<b>CLOTHING TRADES</b> (excluding boot and shoemaking and glovemaking).					
.. .. .	4,780	4 10½	2 4½	3 5½	48 0
<b>TRANSPORT</b> (railways) .. .. .					
.. .. .	(b)	(b)	(b)	(b)	(b)
<b>PRINTING AND ALLIED TRADES</b> .. ..					
.. .. .	4,900	5 0½	2 8½	4 1	61 4 0
<b>PAPER AND INDIARUBBER TRADES</b> .. ..					
.. .. .	3,240	4 3½	2 3½	3 6½	52 8 0
<b>WOODWORKING TRADES.</b>					
Sawmills, joinery factories, wooden ship-building, coach building, coopering, etc.	1,450	5 2½	2 0	5 2	76 16 0
Cabinet making, furniture making, organ building, stick making, brush making, etc.	3,060	5 8½	2 8½	4 11½	73 4 0
<b>CHEMICAL, GLASS, POTTERY, ETC., TRADES</b>					
Chemical works, gas works (private), patent fuel works, oil mills, soap and candle works, etc.	2,550	3 10½	2 2	3 9	60 8 0
Glass trades, pottery trades, cement works, brick and tile making, etc.	3,180	4 5½	2 3	3 4½	50 16 0
<b>FOOD PREPARATION TRADES</b> .. .. .					
.. .. .	6,500	4 7½	2 3½	3 11½	50 12 0
<b>SKIN AND LEATHER TRADES</b> (including boot and shoemaking and glovemaking).					
.. .. .	4,000	4 8½	2 6½	3 9½	55 12 0
<b>EMPLOYEES OF THE STATE OR OTHER PUBLIC AUTHORITIES.</b>					
.. .. .	8,600	5 0½	2 9	3 10½	56 0 0

(a) Compiled from *Salaires et Durée du Travail dans l'Industrie Française*,  
(b) The figures as to Transport (Railways) relate to the whole of France.

FRANCE.  
OF TRADES.  
SUMMARY).(a)

YEAR by WORKPEOPLE employed in certain GROUPS of TRADES in FRANCE, 1891-93.

France, excluding Paris and Environs.					Group of Trades.
Number of Work-people (including Foremen and Forewomen) of both sexes and all ages comprised in the Returns.	Average EARNINGS per DAY WORKED of			Average EARNINGS during the YEAR of all Work-people (including Foremen and Forewomen) of both sexes and all ages.	
	Workmen over 16 years, other than apprentices, etc. (Foremen not included).	Work-women over 16 years, other than apprentices, etc. (Forewomen not included).	All Work-people (including Foremen and Forewomen) of both sexes and all ages.		
	s. d.	s. d.	s. d.	£ s. d.	
3,930	2 10½	11	2 11½	37 12 0	BUILDING TRADES.
980	2 7½	1 8½	2 3½	35 12 0	Water and gas-supply works, public works construction and general building.
170	3 4½	..	3 6½	56 16 0	Stone and marble cutting. Distribution of electricity.
92,450	3 3½	1 3½	3 2½	46 8 0	MINING AND QUARRYING.
5,750	2 8½	0 9½	2 7½	38 0 0	Mines. Quarries.
25,450	3 3½	1 3	3 2½	47 4 0	METAL TRADES.
18,000	3 3½	1 6½	3 0½	42 0 0	Pig iron (blastfurnaces), steel, etc., manufacture.
32,300	3 4½	1 6½	3 3½	49 12 0	Manufactured iron and steel works.
7,200	3 4½	1 6½	2 10½	42 16 0	Engineering and iron and steel shipbuilding.
600	3 2½	1 4½	2 4½	34 0 0	Metal wares, etc. Manufacture of articles in precious metals, watchmaking, etc.
100,350	2 9	1 8½	2 2½	31 12 0	TEXTILE TRADES.
9,850	2 10½	1 6½	2 2	30 16 0	CLOTHING TRADES (excluding boot and shoemaking and glovemaking).
127,400 (b)	3 7½ (b)	..	3 7½ (b)	58 16 0 (b)	TRANSPORT (railways).
5,610	3 4½	1 8½	2 7½	40 0 0	PRINTING AND ALLIED TRADES.
14,400	2 10	1 4½	2 3½	36 16 0	PAPER AND INDIARUBBER TRADES.
7,900	3 0	1 6½	2 10½	40 8 0	WOODWORKING TRADES.
6,600	2 11	1 3	2 3½	33 4 0	Sawmills, joinery factories, wooden ship-building, coach building, coopering, etc. Cabinet making, furniture making, organ building, stick making, brush making, etc.
14,100	2 11½	1 5½	2 10½	47 4 0	CHEMICAL, GLASS, POTTERY, ETC., TRADES.
32,430	3 2½	1 6½	2 8½	38 8 0	Chemical works, gas works (private), patent fuel works, oil mills, soap and candle works, etc. Glass trades, pottery trades, cement works, brick and tile making, etc.
18,400	2 11	1 7½	2 8½	37 4 0	FOOD PREPARATION TRADES.
15,750	2 11½	1 8½	2 7½	36 16 0	SKIN AND LEATHER TRADES (including boot and shoemaking and glovemaking).
66,200	3 1½	1 11	2 7½	38 0 0	EMPLOYEES OF THE STATE OR OTHER PUBLIC AUTHORITIES.

1893-97, published by the French Labour Department.

## VARIOUS OCCUPATIONS.(a)

TABLE 28.—AVERAGE EARNINGS in various OCCUPATIONS in FRANCE, 1891-93.

(1.) Building Trades.					
Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
MALE.			MALE—cont.		
Masons ...	7½	3½	Carpenters ...	...	4
Masons' assistants ...	4½	...	Joiners ...	6½	4½
Stone cutters ...	...	4½	Plumbers (water-supply work).	6½	...
Stone lifters ...	5½	...	Zinc workers ...	7½	...
Stone setters...	5½	...	Well sinkers ...	4½	...
Paviors ...	6½	...	Chimney builders ...	6½	...
Paviors' assistants ...	4½	...	House painters ...	7½	...

(2.) Mining and Quarrying.					
Occupation.	Average Earnings per Hour.	Occupation.	Average Earnings per Hour.		
MALE.		MALE—cont.			
COAL AND LIGNITE MINES.		Timbermen ...	5½		
Miners and driftmen {	Nord and Pas-de-Calais Departments.	Rolley-way men ...	3½		
	Other Departments ...	Banksmen and assistants.—Nord and Pas-de-Calais Departments.	4		
	All Departments together.	Nord and Pas-de-Calais Departments.	3½		
		Saône-et-Loire Department.	4½		
Road-cutters (in seam).—Pas-de-Calais Department.	7	Engine tenders.	3		
Dattallers, putters and trammers, incline-men, wagon-loaders (earth) and drivers.	4½	Other Departments	3½		
Onsetters.—Pas-de-Calais Department.	Nord and Pas-de-Calais Departments.	All Departments together.	3½		
	Other Departments.	Stokers ...	3½		
	All Departments together.	Railway men ...	3½		
	4	Surface labourers...	3½		
	5½	ALL MINES AND QUARRIES.			
		Labourers ...	2½		

(3.) Metal Trades.					
Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
MALE.			MALE—cont.		
Rollers (general) ...	6½	...	Brass and copper moulders (mould makers).	5½	...
Rollers (carriage springs).	6½	...	Brass and copper foundry (metal heaters and pourers).	10½	...
Sheet rollers ...	t. 5½	...	Dressers ...	...	3½
Pattern makers ...	p. 6½	...			
Iron moulders (mould makers).	t. 7½	4			
Iron foundry (metal heaters and pourers).	p. 6	4			
	p. 8½	...			
	4½	3½			

(a) Compiled from the source stated in footnote (a) on p. 55, *ants*; t. = on time-wage; p. = on piece-wage; t.p. = partly on time-wage, partly on piece-wage.

## VARIOUS OCCUPATIONS—continued.

TABLE 28.—AVERAGE EARNINGS in various OCCUPATIONS in FRANCE,  
1891-93—continued.

(3.) Metal Trades—continued.					
Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
MALE—cont.			MALE—cont.		
Smiths ... ..	d.	d.	Erectors (roof, &c.)	6½	...
	t. 7½	manufactured iron	Tinfoil workers	6	...
	p. 9	and steel	(mirror manufac- ture).		
		t.p. 4½	Sheet painters ...	7½	...
Smiths' strikers ...	4½	machine	Sheet varnishers ...	7	...
Locksmiths, &c. ...	6½	construc- tion t. 4½	Enamelled iron	8	...
Markers-off ... ..	...	3	printers.		
Turners ... ..	t. 6½	3½	Drawing-bench men	5½	...
	p. 7½	5	Wire-drawers ...	6½	...
	t. 6	4½	Gold-beaters ...	6½	...
Fitters ... ..	t.p. 6½	...	Clock and watch	...	4½
	t. 7½	...	makers.		
	p. 8½	4	Stokers (manufac- tured iron and	...	4½
Hollow-ware turners	t. 6	Planers 4	steel).		
Planers, milling-ma- chine men, &c. ...	p. 6½	...	Stokers (machine	...	3½
Drillers ... ..	t. 5½	4½	construction).		
Stampers and punch- ers.	t. 5½	...	Labourers (smelting, steel manufacture, &c.).	...	3½
	p. 7½	...	Labourers (manufac- tured iron and	...	3
	t. 7	...	steel).		
Chippers ... ..	t. 6	...	Labourers (machine	...	3
Polishers ... ..	p. 7½	...	construction).		
Planishers ... ..	t. 9½	...	Labourers (sundry	...	3½
Temperers ... ..	t. 7½	...	metal trades).		
Boiler-makers ...	t. 5½	4½			
	p. 6½	...	FEMALE.		
	t. 6	...			
Coppersmiths ...	p. 7½	...	Machinists ... ..	3	...
	t. 6½	...	Burnishers ... ..	3	...
	p. 7½	...	Labourers ... ..	...	1½
Tinsmiths ... ..	t. 7½	...			
Spring grinders ...	t. 7½	...			
Saw-teeth sharpeners	6	...			

## (4.) Textile Trades.

MALE.			MALE—cont.		
Cardminders (cotton and wool).	d.	d.	Frame workers (ho- siery).	d.	d.
Dressers (twine making).	7	2½	Folders (yarn, cloth, &c.).	t. 5½	...
Combers ... ..	...	...	Dressers (finishing).	p. 8½	...
Spinners ... ..	...	2½	Dyers ... ..	...	2½
Piecers (including ro- ving-frame tenters).	...	3½	Fullers ... ..	...	3½
Twisters ... ..	...	2	Tapestry workers ...	8½	2½
Silk throwsters ...	...	2½			...
Sizers (weaving) ...	...	5	FEMALE.		
Weavers ... ..	...	2½	Cardminders (cotton and wool).	...	1½
Tulle (lace curtains, &c.) weavers.	...	5½	Drawing frame ten- ters.	...	1½
Silk weavers ... ..	6½	...	Roving-frame tenters	...	2

**VARIOUS OCCUPATIONS—continued.**  
**TABLE 28.—AVERAGE EARNINGS in various OCCUPATIONS in FRANCE,**  
**1891-93—continued.**

<b>(4.) Textile Trades—continued.</b>					
Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
<b>FEMALE—cont.</b>	<i>d.</i>	<i>d.</i>	<b>FEMALE—cont.</b>	<i>d.</i>	<i>d.</i>
Preparers (woollen yarn).	...	1½	Spinners ...	...	1½
Winders ...	...	2	Piecers ...	...	1½
Twisters ...	...	1½	Machine minders (including throwle and ring spinning).	...	1½
Doublers ...	...	1½	Warpers ...	...	2
Realers ...	3	...	Weavers ...	...	2
Twisters (sewing cotton).	3	...	Dressers (finishing)..	...	1½
Doublers (sewing cotton).	3	...	Menders (hosiery)...	2½	...
Ballers (sewing cotton).	3	...	Seamstresses (tapestry).	3½	...
<b>(5.) Clothing Trades.</b>					
<b>MALE.</b>	<i>d.</i>	<i>d.</i>	<b>FEMALE—cont.</b>	<i>d.</i>	<i>d.</i>
<b>Boot and shoe-making—</b>			<b>Tailoring—cont.</b>		
Clickers ...	5½	4½	Seamstresses (ready-made clothing).	2	...
Closers ...	6½	...	<b>Boot and shoemaking—</b>		
Shoemakers ...	...	3½	Upper makers ...	3	2½
<b>Tailoring—</b>			Shoemakers ...	...	1½
Cutters (men's ready-made garments).	9	...	<b>Hatmaking—</b>		
Cutters (children's ready-made garments).	6½	...	Blowers (felt planking).	3	...
Tailors ...	...	4½	Trimmers (hats and bonnets).	...	...
Military uniform tailors (ready-made).	6½	...	<b>Embroidery—</b>		
Basters-up (bespoke garments).	8	...	Machinists ...	3½	...
Pressers ...	5½	...	Threaders... ..	3½	...
<b>Hat making—</b>			Menders ...	2½	...
Hatmakers ...	...	3½	<b>Staymaking—</b>		
Felt plankers ...	6½	...	Machinists ...	t. 2 p. 3	...
Felt finishers ...	6½	...	Finishers ...	t. 2 p. 2½	...
<b>Embroidery—</b>			Milliners (wholesale trade).	2½	...
Embroiderers ...	5	...	Artificial flower dyers.	5½	...
<b>FEMALE.</b>			Artificial flower mounters.	3½	...
<b>Tailoring—</b>			Sewing machinists...	...	1½
Tailoresses ...	...	1½	Repairers (unclassified)	3½	...
Machinists (ready-made clothing).	3½	...			
<b>(6.) Transport Trades (Railway Service).—France as a Whole.</b>					
<b>MALE.</b>	<i>d.</i>		<b>MALE—cont.</b>	<i>d.</i>	
Platelayers, &c. ...	3½		Engine drivers ...	10½	
Pointsmen and signalmen.	3½		Workshop labourers	3½	



## VARIOUS OCCUPATIONS—continued.

TABLE 28.—AVERAGE EARNINGS in various OCCUPATIONS in FRANCE, 1891-93—continued.

(7.) Printing, Paper and Allied Trades.					
Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
<b>MALE.</b>			<b>MALE—cont.</b>		
<i>Printing &amp; binding—</i>	<i>d.</i>	<i>d.</i>	<i>Paper making—</i>	<i>d.</i>	<i>d.</i>
Lithographic writers and designers.	8½	...	Cylinder minders...	...	2½
Transferrers (lithographic).	8½	...	Machine minders...	...	3½
Lithographic printers.	8½	...	Paper makers ...	...	2½
Lithographers ...	...	4½	Cutters ...	...	2½
Machine minders (lithographic).	10	5d (litho. and typo.)	Labourers ...	...	2½
Engravers ...	9	...	<i>Paper staining—</i>	...	...
Compositors ...	{ t. 6½ p. 6½	4½	Flock paper makers	5½	...
Pressmen ...	6½	4½	Printers (machine)	6	...
Copperplate printers	6½	...	Printers (hand) ...	7½	...
Machine minders (typo.).	10	...	<b>FEMALE.</b>		
Readers ...	8½	...	<i>Printing &amp; binding—</i>	...	...
Layers-on ...	3½	2½	Compositors ...	...	2½
Takers-off ...	2½	...	Layers-on...	...	2
Hot or cold rolling machine attendants.	6½	...	Folders ...	...	1½
Makers-ready ...	6½	...	Stitchers ..	4½	...
Stereotypers ...	...	4	Binders ...	...	2
Letter-paper, etc., makers.	...	3½	Counters, packers, cutters-out, cardboard - workers, etc.	3½	...
Paper edge cutters	3½	...	<i>Paper making—</i>	...	...
Stitchers ...	6½	...	Sorters ...	...	1½
Binders (ordinary)	5½	...	Rag workers ...	...	1½
Binders (art) ...	7½	...	Paper makers ...	...	{ t. 1½ p. 1½
Labourers ...	...	3	Cutters ...	...	1½
			Labourers ...	...	1½

## (8.) Woodworking Trades.

<b>MALE.</b>			<b>MALE—cont.</b>		
Machine sawyers ...	<i>d.</i>	<i>d.</i>	French polishers ...	<i>d.</i>	<i>d.</i>
Pit sawyers ...	6	3½	Wagon builders ...	5½	...
Mouldings makers	7½	...	Carriage builders ...	{ t. 6½ p. 8	...
Moulding machinists (spindle-machines).	6½	...	Carriage painters ...	6½	...
Wood-cutting machinists (generally).	6½	...	Frame gilders ...	5½	...
Planers ...	5½	...	Looking-glass makers.	6½	...
Parquet makers ...	7½	...	Gilders, &c., (looking-glass).	7½	...
Cabinet makers ...	{ t. 7 p. 7½	3½	Labourers, etc., (large work).	...	2½
Cabinet makers (rough work).	{ t. 6½ p. 6	3½	Labourers, etc., (cabinet making, etc.).	...	2½
Wood turners ...	7	2½			
Upholsterers ...	9½	4½	<b>FEMALES.</b>		
Wood carvers ...	9	4½	Burnishers ...	3	...
Wood varnishers ...	6	...			
Waxers and wax polishers.	5½	...			

VARIOUS OCCUPATIONS—*continued.*TABLE 28.—AVERAGE EARNINGS in various OCCUPATIONS in FRANCE.  
1891-93—*continued.*

(9.) Chemical Trades.					
Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
<b>MALE</b>	<i>d.</i>	<i>d.</i>	<b>FEMALE</b>	<i>d.</i>	<i>d.</i>
Lighters of reverberatory furnaces.	...	2½	Labourers ... ..	...	1½
Stokers ... ..	...	4½			
Distillers ... ..	...	3½			
Labourers ... ..	...	3			

## (10.) Glass, Pottery, etc., Trades.

Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
<b>MALE</b>	<i>d.</i>	<i>d.</i>	<b>MALE—cont.</b>	<i>d.</i>	<i>d.</i>
Kiln, &c., firemen (porcelain and stoneware).	t. 6½ p. 7½	...	Limeburners ... ..	...	3½
Mass kneaders (porcelain).	7½	...	Stokers ... ..	...	3½
Mounters (porcelain)	8½	...	Labourers ... ..	...	2½
Turners (pottery) ...	7½	...			
Furnace-men (filling and emptying ; glass).	...	4	<b>FEMALE</b>		
Moulders (glass) ...	8	6	Glass cutters ... ..	3	...
Decorators and engravers (glass).	7½	...	Glass wreath workers.	2½	...
			Decorators (porcelain).	3½	...
			Labourers ... ..	...	1½

(11.) Food Preparation Trades—*Paris and Environs.*

Occupation.	Average Earnings for a Day's Work.		Occupation.	Average Earnings for a Day's Work.	
	<i>s.</i>	<i>d.</i>		<i>s.</i>	<i>d.</i>
<b>MALE</b>			<b>MALE—cont.</b>		
Millers (journeymen & assistants)	4	6	Bakers (French) ... ..	5	2
Refineries :			" (Viennese) ... ..	5	6
Sugar planers ... ..	5	4	Confectioners ... ..	5	2
Clarifiers ... ..	4	1	Bread carriers ... ..	3	10
Turbine men ... ..	4	6	Pastrycooks and ovenmen	5	2
Fillers ... ..	4	4	Chocolate makers ... ..	4	5
Porters ... ..	6	10	Cooks ... ..	6	0
Sugar breakers ... ..	4	8			
Distillers (raw spirit) ...	4	10	<b>FEMALE</b>		
" (spirituous liquors)...	4	10	Sugar breakers ... ..	2	7
Brewers ... ..	4	0	Bread carriers ... ..	1	10
Head bakers ... ..	5	7	Vegetable pluckers ... ..	1	10
Kneaders ... ..	5	4	Packers and sorters ... ..	1	7

VARIOUS OCCUPATIONS—*continued.*TABLE 28.—AVERAGE EARNINGS in various OCCUPATIONS in FRANCE,  
1891-93—*continued.*(11.) Food Preparation Trades—*continued.*—France, other than Paris and Environs.

Occupation.	Average Earnings per Hour.	Occupation.	Average Earnings per Hour.
MALE		MALE— <i>cont.</i>	
Millers and mealmen .. ...	d.	Champagne making— <i>cont.</i>	d.
Bolters ... ..	3	Sediment removers ...	4½
Roller men ... ..	3½	Bottle shakers ...	5½
Starch makers and grape sugar &c. makers (Nord Depart- ment).	3	Confectioners (Puy-de-Dôme and Haute Garonne).	3
Sugar boilers (Nord District)	3½	Labourers ... ..	3
"    (Eure-et-Loir)...	4½		
Turbine men (Ardennes) ...	4½	FEMALE	
"    (Eure-et-Loir) ...	8½	Vermicelli makers (Rhône) ...	2½
Brewers ... ..	4	"    "    " (other parts	1½
Maltmen ... ..	3½	of "France").	
Champagne making:		Labourers ... ..	1½
Corkers ... ..	4½		

## (12.) Leather and Fur Trades.

Occupation.	Average Earnings per Hour in		Occupation.	Average Earnings per Hour in	
	Paris and Environs.	France, other than Paris and Environs.		Paris and Environs.	France, other than Paris and Environs.
MALE			MALE— <i>cont.</i>		
Tanners ... ..	d.	d.	Fleshing-machine minders.	d.	d.
Curriers ... ..	...	3½	Washers (fur skin) ..	7½	...
Leather dressers ...	...	3½		9	...
Saddlers ... ..	5½	...	FEMALE		
Saddle strap makers ..	8½	...	Sewing machinists	2½	...
Harness makers ...	4½	...	(saddlery).	...	...
Bridle makers ...	6½	...	Fixers (purse making).	2½	...
Cutters (purse mak- ing).	6½	...	Hair cutters ...	3½	...
Haircutters (fur dressing).	7½	...	Hair blowers and skin trimmers.	3½	...
	7½	...	Fur pullers and skin cutters.	3	...

## AGRICULTURAL LABOUR.(a)

TABLE 29.—AVERAGE DAILY WAGES of AGRICULTURAL LABOURERS and MARKET GARDENERS, and AVERAGE YEARLY WAGES of FARM SERVANTS in FRANCE.

Average Daily Wages of Day Labourers and Market Gardeners.			Average Yearly Wages of Farm Servants.		
Class of Labour.	1882.	1892.	Class of Servant.	1882.	1892.
<b>LABOURERS TO WHOM FOOD IS FURNISHED BY EMPLOYERS.</b>	<i>s. d.</i>	<i>s. d.</i>		<i>£ s. d.</i>	<i>£ s. d.</i>
Men ... { Summer ...	1 7	1 5½	FARM BAILIFFS (WORKING).	18 12 0	19 14 5
... { Winter ...	1 0½	1 0½			
Women { Summer ...	0 11	0 10½	MALE SERVANTS OVER 16 YEARS OF AGE.		
... { Winter ...	0 7½	0 7½			
Children { Summer ...	0 7	0 6½	Ploughmen and wagoners.	12 19 2	14 8 0
... { Winter ...	0 5	0 4½			
<b>LABOURERS TO WHOM FOOD IS NOT FURNISHED BY EMPLOYERS.</b>			Stockmen ...	11 11 2	12 17 7
Men ... { Summer ...	2 6	2 4½	Shepherds ...	11 12 0	12 7 2
... { Winter ...	1 9½	1 7½	Cheesemakers..	17 4 10	19 11 2
Women { Summer ...	1 6	1 5	Others... ..	11 16 0	12 3 2
... { Winter ...	1 1½	1 1			
Children { Summer ...	1 0½	0 11½	MALE SERVANTS UNDER 16 YEARS OF AGE	5 12 0	6 0 10
... { Winter ...	0 9	0 9			
<b>MARKET GARDENERS.</b>			FEMALE SERVANTS.	9 8 0	8 1 7
Men ... { Summer ...	2 5½	2 4			
... { Winter ...	1 10½	1 9½			
Women { Summer ...	1 5½	1 4½			
... { Winter ...	1 1½	1 0½			
Children { Summer ...	0 11½	0 11			
... { Winter ...	0 8½	0 9			

(a) Compiled from *Statistique Agricole de la France, Résultats de l'Enquête Décennale de 1892*, published by the French Ministry of Agriculture in 1897. The figures in the table relate to France exclusive of Algeria, and appear to be arrived at by dividing the sum of the wage-rates paid in each of the Departments of France by the total number of such Departments.

## COAL MINES.(a)

TABLE 30.—NUMBER and DAILY and YEARLY EARNINGS of the WORKPEOPLE employed in and at COAL and LIGNITE MINES in FRANCE.

Year.	Number employed.						
	UNDERGROUND.			SURFACE.			
	Men (over 18 years).	Lads (16-18 years).	Children (under 16 years).	Men (over 18 years).	Lads (16-18 years).	Women.	Children (under 16 years).
1889	73,937		4,882	25,077		3,342	3,681
1890	81,601		5,235	26,497		3,798	4,424
1891	88,631		5,331	29,011		3,939	4,870
1892	89,916		5,078	29,229		3,807	5,163
1893	83,766	5,507	4,412	27,882	2,823	4,181	4,078
1894	86,374	5,476	4,517	27,616	2,491	3,658	4,425
1895	87,051	5,667	4,717	28,522	2,316	4,993	4,060
1896	89,362	5,691	4,875	28,666	2,264	5,189	4,127
1897	90,430	6,215	5,048	29,659	2,535	4,949	4,565
1898	93,394	6,555	5,446	30,487	2,580	5,489	4,675
	Earnings.						
	UNDERGROUND.			SURFACE.			
	Average Earnings per Worker			Average Earnings per Worker			
	Per Day Worked.	Per Year.		Per Day Worked.	Per Year.		
	s. d.	£	s. d.	s. d.	£	s. d.	
1889	3 4½	48	7 7	2 5½	36	3 11	
1890	3 7½	52	11 2	2 6½	37	8 10	
1891	3 8½	52	4 0	2 6½	37	18 5	
1892	3 9	53	3 2	2 6½	38	8 2	
1893	3 8	49	17 7	2 6½	36	3 2	
1894	3 7½	51	2 5	2 6½	37	11 2	
1895	3 7½	50	6 5	2 6½	36	18 5	
1896	3 7	50	19 2	2 6½	37	12 10	
1897	3 7½	52	0 0	2 6½	37	8 0	
1898	3 8½	53	13 7	2 7½	37	19 2	

(a) Compiled from *Statistique de l'Industrie Minière*, published by the French Ministry of Public Works.

GOVERNMENT MATCH FACTORIES.(a)

TABLE 31.—AVERAGE EARNINGS per HOUR, at a given Pay-day in February, 1895, of the WORKPEOPLE employed in the GOVERNMENT MATCH FACTORIES in FRANCE.

Age.	Men and Lads.		Women and Girls.	
	Number Em- ployed.	Average Earnings per Hour.	Number Em- ployed.	Average Earnings per Hour.
From 12 to 18 years ...	25	d. 3½	91	d. 2½
„ 19 „ 25 „ ...	109	4½	604	3
„ 26 „ 45 „ ...	451	5	661	3½
„ 46 „ 60 „ ...	73	4½	78	3½
Over 60 years ...	18	4	10	3½
Totals and General Averages.	676	4½	1,444	3½

GOVERNMENT TOBACCO FACTORIES.(a)

TABLE 32.—AVERAGE EARNINGS per HOUR, at a given Pay-day in February, 1895, of the WORKPEOPLE employed in the GOVERNMENT TOBACCO FACTORIES in FRANCE.

Age.	Men and Lads.		Women and Girls.	
	Number.	Average Earnings per Hour.	Number.	Average Earnings per Hour.
From 12 to 18 years ...	8	d. 2	50	d. 3
„ 19 „ 25 „ ...	28	4½	560	3
„ 26 „ 45 „ ...	947	5	9,145	3
„ 46 „ 60 „ ...	386	5½	3,567	3
Over 60 years ...	77	5	352	3
Totals and General Averages.	1,446	5	13,674	3

(a) Compiled from *Répartition des Salaires du Personnel Ouvrier dans les Manufactures de l'État et les Compagnies de Chemins de Fer, 1896*, published by the French Labour Department.

## RAILWAY SERVANTS.(a)

TABLE 33.—LIMITS of the EARNINGS (as to PERSONS employed by the MONTH, per MONTH; as to PERSONS employed by the DAY, or the HOUR, or on PIECE-WAGE, per HOUR) at a given Pay-day in February, 1895, of RAILWAY SERVANTS in FRANCE.

Males.							
Monthly Earnings.	Persons employed by the MONTH.			Earnings per Hour.	Persons employed by the DAY, or HOUR, or on PIECE-WAGE.		
	Number of Persons whose Monthly Earnings were within the Limits stated in Col. 1.				Number of Persons whose Hourly Earnings were within the Limits stated in Col. 5.		
	Under 18 yrs.	Over 18 yrs.	Total.		Under 18 yrs.	Over 18 yrs.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Under 71 francs (£2 16 10)	8	887	895	175c. (1½d.) and under..	502	232	734
71 fra. and under 86 fra. (£2 16 10—£3 8 10).	3	8,648	8,651	Over 175c. up to 225c. (1½d.—2½d.).	183	785	968
86 fra. and under 111 fra. (£3 8 10—£4 8 10).	2	22,671	22,673	Over 225c. up to 275c. (2½d.—3½d.).	224	6,576	6,800
111 fra. and under 136 fra. (£4 8 10—£5 8 10).	1	17,561	17,562	Over 275c. up to 350c. (3½d.—4½d.).	406	23,457	23,863
136 fra. and under 166 fra. (£5 8 10—£6 12 10).	..	11,038	11,038	Over 350c. up to 415c. (4½d.—5½d.).	82	12,847	12,929
166 fra. and under 186 fra. (£6 12 10—£7 8 10).	..	3,407	3,407	Over 415c. up to 550 c. (5½d.—6½d.).	46	13,474	13,520
186 fra. and under 226 fra. (£7 8 10—£9 0 10).	..	2,680	2,680	Over 550c. up to 650 c. (6½d.—7½d.).	3	4,726	4,728
226 fra. and under 276 fra. (£9 0 10—£11 0 10).	..	1,899	1,899	Over 650c. up to 750c. (7½d.—8½d.).	..	2,375	2,375
276 fra. (£11 0 10) and over.	..	2,438	2,438	Over 750c. up to 900c. (8½d.—9½d.).	..	1,013	1,613
				Over 900 centimes (9½d.)	..	374	874
Total .. ..	14	71,259	71,273	Total .. ..	1,456	65,858	67,314

## Females.(b)

Monthly Earnings.	Persons employed by the MONTH.			Earnings per Hour.	Persons employed by the DAY, or HOUR, or on PIECE-WAGE.		
	Number of Persons whose Monthly Earn- ings were within the Limits stated in Col. 1.				Number of Persons whose Hourly Earn- ings were within the Limits stated in Col. 5.		
	Under 18 yrs.	Over 18 yrs.	Total.		Under 18 yrs.	Over 18 yrs.	Total.
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Under 16 fra. (12s. 10d.).	3	5,272	5,275	25 c. up to 75c... ..	53	686	739
16 fra. and under 26 fra. (12s. 10d.—£1 0 10).	10	7,685	7,703	(¾d.—1d.).	..	..	..
26 fra. and under 41 fra. (£1 0 10—£1 12 10).	..	1,679	1,679	Over 75c. up to 125c. (¾d.—1d.).	264	2,049	2,313
41 fra. and under 56 fra. (£1 12 10—£2 4 10).	..	601	601	Over 125c. up to 175c. (1d.—1½d.).	40	528	568
56 fra. (£2 4 10) and over	..	61	61	Over 175 centimes (1½d.)	7	91	98
Total .. ..	13	15,306	15,319	Total .. ..	364	3,354	3,718

(a) Compiled from the source stated in footnote on p. 65, *ante*. The figures as to earnings given in the table include the estimated value of allowances in kind (such as free housing, food, &c.). In addition to the allowances, the estimated value of which is included in the figures, the French Report states that the Railway Companies provide for their employees other benefits (including contributions to pension funds), the net value of which is estimated to be equivalent to about 15 per cent. on their wages.

(b) Practically all the workwomen employed by the French Railway Companies are level-crossing keepers (usually the wives of servants in the employ of the companies, who devote only a portion of their time to their calling).

WAGES IN SWITZERLAND.  
FIRST FACTORY INSPECTION DISTRICT.(a)

TABLE 34.—LIMITS of the DAILY EARNINGS of ADULT WORKPEOPLE engaged in certain PRINCIPAL TRADES in the FIRST FACTORY INSPECTION DISTRICT OF SWITZERLAND (Zürich, Winterthur, Chur, etc.), in 1888-91.

Trade.	Number of Workpeople whose Daily Earnings were							Total Number of Workpeople.	Average Daily Earnings.
	2 frs. (1s. 7 <sup>2</sup> d.) and under. (b)	Over 2 frs. and up to 3 frs. (1s. 7 <sup>2</sup> d. to 2s. 4 <sup>3</sup> d.)	Over 3 frs. and up to 4 frs. (2s. 4 <sup>3</sup> d. to 3s. 2 <sup>4</sup> d.)	Over 4 frs. and up to 5 frs. (3s. 2 <sup>4</sup> d. to 4s. 0d.)	Over 5 frs. and up to 6 frs. (4s. 0d. to 4s. 9 <sup>6</sup> d.)	Over 6 frs. and up to 7 frs. (4s. 9 <sup>6</sup> d. to 5s. 7 <sup>2</sup> d.)	Over 7 frs. (5s. 7 <sup>2</sup> d.)		
<b>MEN.</b>									
<b>I.—Industries under Factory Inspection.</b>									
<b>GENERAL STAFF (ALL TRADES).</b>									
Stokers and enginemn	..	16	88	57	11	7	1	180	3 3 <sup>1</sup>
Driving-gear attend- ants, oilers, shafting- bands repairers.	3	18	22	3	..	..	..	46	2 5 <sup>1</sup>
Packers, warehouse- men, etc.	1	23	42	6	3	..	..	75	2 9
<b>METAL TRADES.</b>									
Foremen .. .. .	..	..	..	3	8	11	16	38	5 7
Wire-drawing and nail and chainmaking.	..	2	9	12	..	..	..	23	3 4
Tinsmiths .. .. .	..	7	28	49	4	..	..	88	3 4
• Relief stampers, etc. ..	3	4	34	25	6	1	..	73	3 3
Coremakers .. .. .	..	2	30	5	1	..	..	38	2 11 <sup>1</sup>
Moulders .. .. .	..	33	143	131	46	23	4	380	3 5 <sup>1</sup>
Iron dressers .. .. .	2	43	63	5	2	..	..	115	2 7 <sup>1</sup>
Smiths .. .. .	1	5	56	67	30	8	1	168	3 7 <sup>1</sup>
Smiths' strikers.. ..	..	16	177	11	1	..	..	205	2 9 <sup>1</sup>
Boiler-makers .. .. .	..	10	73	87	13	3	1	187	3 3 <sup>1</sup>
Boiler-makers' helpers	2	24	37	..	..	..	..	63	2 6 <sup>1</sup>
Turners .. .. .	..	23	143	120	37	9	..	332	3 4 <sup>1</sup>
Drillers, borers, planers and milling machine operatives.	2	29	126	36	9	..	..	202	2 11 <sup>1</sup>
Grinders .. .. .	1	9	22	9	2	..	..	43	2 11 <sup>1</sup>
Fitters and locksmiths	4	30	449	354	87	15	3	942	3 4 <sup>1</sup>
Erectors, etc. .. .. .	..	..	20	40	23	10	9	102	4 1 <sup>1</sup>
Labourers, etc. .. .. .	14	355	767	19	..	..	..	1,155	2 6 <sup>1</sup>

(a) Compiled from *Die Arbeitslöhne in den industriellen Betrieben des ersten Schweizerischen Fabrik-Inspektionskreises*, by Dr. F. Schuler, Federal Factory Inspector, assisted by Dr. H. Wiegmann, Assistant.  
(b) The earnings of all in this column exceed 1 fr. (9<sup>6</sup>d.).



FIRST FACTORY INSPECTION DISTRICT—continued.

TABLE 34.—LIMITS of the DAILY EARNINGS OF ADULT WORKPEOPLE engaged in certain PRINCIPAL TRADES in the FIRST FACTORY INSPECTION DISTRICT OF SWITZERLAND (Zürich, Winterthur, Chur, &c.) in 1888-91—continued.

Trade.	Number of Workpeople whose Daily Earnings were							Total Number of Workpeople.	Average Daily Earnings.
	3 frs. (1s. 7 <sup>2</sup> d.) and under. (a)	Over 2 frs. and up to 3 frs. (1s. 7 <sup>2</sup> d. to 2s. 4 <sup>8</sup> d.).	Over 3 frs. and up to 4 frs. (2s. 4 <sup>8</sup> d. to 3s. 2 <sup>4</sup> d.).	Over 4 frs. and up to 5 frs. (3s. 2 <sup>4</sup> d. to 4s. 0d.).	Over 5 frs. and up to 6 frs. (4s. 0d. to 4s. 9 <sup>8</sup> d.).	Over 6 frs. and up to 7 frs. (4s. 9 <sup>8</sup> d. to 5s. 7 <sup>2</sup> d.).	Over 7 frs. (5s. 7 <sup>2</sup> d.).		
MEN—continued.									
I.—Industries under Factory Inspection—continued.									
COTTON SPINNING AND THREAD MAKING.									
Openers and scutchers	4	18	..	..	..	..	..	22	1 9 <sup>1</sup> / <sub>2</sub>
Cardroom operatives ..	37	81	3	..	..	..	..	121	1 9 <sup>1</sup> / <sub>2</sub>
Doffers and piecers ..	28	8	..	..	..	..	..	36	1 5 <sup>1</sup> / <sub>2</sub>
Spinners (self-actor minders).	4	53	18	4	..	..	..	79	2 3 <sup>1</sup> / <sub>2</sub>
Labourers.. ..	9	56	12	..	..	..	..	77	2 1 <sup>1</sup> / <sub>2</sub>
COTTON WEAVING.									
Foremen and over-lookers.	..	..	6	12	2	..	..	20	3 7
Operatives engaged in preparation and finishing, and labourers.	4	17	4	..	..	..	..	25	2 6 <sup>1</sup> / <sub>2</sub>
COTTON DYEING, BLEACHING, PRINTING, AND FINISHING.									
Dyers .. ..	2	36	20	..	..	..	..	67	2 4 <sup>1</sup> / <sub>2</sub>
Finishers .. ..	3	8	14	2	1	1	..	29	2 3 <sup>1</sup> / <sub>2</sub>
Bleachers .. ..	1	6	16	4	..	..	..	27	2 9
Helpers, labourers, &c.	10	94	18	1	..	..	..	123	2 2
SILK MANUFACTURE.									
Dyers and dyers' helpers.	1	23	84	7	..	..	..	115	2 3 <sup>1</sup> / <sub>2</sub>
Finishing operatives ..	1	1	24	15	8	..	..	49	3 3 <sup>1</sup> / <sub>2</sub>
PRINTING, PAPER AND ALLIED TRADES.									
Printing, lithography and bookbinding.	12	14	13	8	9	3	2	60	3 0
Wood-pulp, celluloid, paper and cardboard manufacture, rag sorting.	3	83	35	4	4	..	1	130	2 5
WOODWORKING TRADES.									
Sawyers .. ..	..	14	40	17	2	..	..	73	3 0 <sup>1</sup> / <sub>2</sub>
Wood cleavers .. ..	..	5	26	3	..	..	..	34	2 10 <sup>1</sup> / <sub>2</sub>
Joiners .. ..	5	37	214	243	29	4	1	533	3 3 <sup>1</sup> / <sub>2</sub>
Parquet makers.. ..	1	15	18	5	1	..	..	40	2 3 <sup>1</sup> / <sub>2</sub>
Coopers .. ..	..	..	5	7	4	8	1	25	4 5 <sup>1</sup> / <sub>2</sub>
Coach and cart building.	..	1	15	4	..	..	..	20	3 1
Turners .. ..	6	21	15	9	..	..	..	51	2 7

(a) The earnings of all in this column exceed 1 fr. (9<sup>8</sup>d.).

FIRST FACTORY INSPECTION DISTRICT—*continued.*TABLE 84.—LIMITS of the DAILY EARNINGS of ADULT WORKPEOPLE engaged in certain PRINCIPAL TRADES in the FIRST FACTORY INSPECTION DISTRICT of SWITZERLAND (Zürich, Winterthur, Chur, &c.) in 1888-91—*continued.*

Trade.	Number of Workpeople whose Daily Earnings were							Total Number of Workpeople.	Average Daily Earnings.
	2 frs. (1s. 72d.) and under. (a)	Over 2 frs. and up to 3 frs. (1s. 72d. to 2s. 48d.)	Over 3 frs. and up to 4 frs. (2s. 48d. to 3s. 36d.)	Over 4 frs. and up to 5 frs. (3s. 36d. to 4s. 0d.)	Over 5 frs. and up to 6 frs. (4s. 0d. to 4s. 96d.)	Over 6 frs. and up to 7 frs. (4s. 96d. to 5s. 72d.)	Over 7 frs. (5s. 72d.)		
<b>MEN—<i>continued.</i></b>									s. d.
<b>I.—Industries under Factory Inspection—<i>continued.</i></b>									
<b>CHEMICAL INDUSTRY.</b>									
Soap and candles ..	..	5	18	4	..	..	..	27	2 11½
Manure, &c. factories ..	..	4	17	2	..	..	..	23	2 9
<b>EARTH AND STONE INDUSTRIES.</b>									
Chalk, plaster and cement manufacture:—									
Journeymen ( <i>excluding millmen and burners</i> ) ..	..	23	57	1	..	..	..	81	2 7½
Brick, tile and pipe-making:—									
Clay getters ..	..	18	39	..	..	..	..	57	2 9½
Brick and tile makers and ovenmen ..	2	19	31	5	..	..	..	57	2 7½
Labourers, &c. ..	1	20	17	1	..	..	..	39	2 4½
Pottery ..	1	5	10	4	..	..	..	20	2 3½
<b>FOOD PREPARATION TRADES.</b>									
Millers ..	..	2	23	30	2	..	..	57	3 4½
Brewers ..	..	4	133	24	12	3	..	176	3 3½
Dairy and milk ..	..	3	49	13	5	..	1	71	3 3½
Chocolate ..	1	2	15	2	1	..	..	21	2 11½
<b>SADDLERY AND BOOT MAKING.</b>	6	31	23	15	3	..	..	76	2 8½
<b>GASMAKING ..</b>	..	4	63	40	3	..	..	110	3 2½
<b>II. Industries not under Factory Inspection.</b>									
<b>INDUSTRIES OTHER THAN RAILWAY SERVICE.</b>									
Foremen and leading hands (all trades) ..	..	..	..	31	34	11	7	83	4 7
Stone hewers ..	..	11	29	89	72	29	10	240	4 2½
Masons, bricklayers and plasterers ..	1	21	356	973	37	3	..	1,391	3 5½
Navvies ..	5	188	639	31	..	..	..	833	2 2½
Blasters and stone-breakers ..	3	63	299	225	4	..	..	594	3 1½
Carpenters ..	2	12	181	344	21	1	1	563	3 5½
House-painters ..	..	2	9	19	1	..	..	31	3 4½
Oarters ..	..	50	210	37	3	..	..	300	2 11
Boatmen, &c. ..	..	6	32	12	2	..	..	52	3 6½
Woodchoppers ..	..	9	13	3	..	..	..	24	2 9
Street maintenance, &c. ..	..	3	31	10	..	..	..	44	3 0
Labourers of all kinds ..	16	347	1,178	34	3	..	..	1,578	2 7½

(a) The earnings of all in this column exceed 1 fr. (96d.).

FIRST FACTORY INSPECTION DISTRICT—continued.

TABLE 34.—LIMITS of the DAILY EARNINGS of ADULT WORKPEOPLE engaged in certain PRINCIPAL TRADES in the FIRST FACTORY INSPECTION DISTRICT of SWITZERLAND (Zürich, Winterthur, Chur, &c.) in 1888-91—continued.

Trade.	Number of Workpeople whose Daily Earnings were							Total Number of Workpeople.	Average Daily Earnings.
	2 frs. (1s. 7 <sup>2</sup> d.) and under. (a)	Over 2 frs. and up to 3 frs. (1s. 7 <sup>2</sup> d. to 2s. 4 <sup>8</sup> d.).	Over 3 frs. and up to 4 frs. (2s. 4 <sup>8</sup> d. to 3s. 2 <sup>4</sup> d.).	Over 4 frs. and up to 5 frs. (3s. 2 <sup>4</sup> d. to 4s. 0d.).	Over 5 frs. and up to 6 frs. (4s. 0d. to 4s. 9 <sup>6</sup> d.).	Over 6 frs. and up to 7 frs. (4s. 9 <sup>6</sup> d. to 5s. 7 <sup>2</sup> d.).	Over 7 frs. (5s. 7 <sup>2</sup> d.).		
MEN—continued.									
II.—Industries not under Factory Inspection—continued.									
RAILWAY SERVICE.									
Permanent-way men ..	..	56	171	4	2	..	..	233	2 7 <sup>1</sup> / <sub>2</sub>
Casual men, porters, &c.	..	84	127	8	2	1	1	223	2 7 <sup>1</sup> / <sub>2</sub>
Carriage cleaners, labourers, &c.	..	14	33	5	2	..	..	54	2 9 <sup>1</sup> / <sub>2</sub>
Platelayers, level-crossing keepers, &c.	..	20	35	6	5	..	..	66	2 10
Train service staff ..	..	1	18	11	10	7	2	49	3 11 <sup>1</sup> / <sub>2</sub>
WOMEN.									
COTTON SPINNING AND THREAD MAKING.									
Drawing-frame and Derby doubler operatives.	53	3	..	..	..	..	..	56	1 4
Roving frame operatives.	17	5	1	..	..	..	..	23	1 7 <sup>1</sup> / <sub>2</sub>
Doffers and piecers ..	32	..	..	..	..	..	..	32	1 3 <sup>1</sup> / <sub>2</sub>
Reelers, winders and doublers.	32	4	..	..	..	..	..	36	1 5 <sup>1</sup> / <sub>2</sub>
COTTON WEAVING.									
Weavers (grey cloth) ..	30	28	..	..	..	..	..	56	1 3 <sup>1</sup> / <sub>2</sub>
Weavers (coloured goods).	35	17	..	..	..	..	..	52	1 6 <sup>1</sup> / <sub>2</sub>
PAPER AND ALLIED TRADES.									
Wood-pulp, celluloid, paper and cardboard manufacture, rag-sorting.	19	2	..	..	..	..	..	21	1 4 <sup>1</sup> / <sub>2</sub>

(a) The earnings of men in this column exceed 1 fr. (8<sup>8</sup>d.), as also those of all women except 3 (in the following classes, 1 in "roving frame operatives," 1 in "reelers, winders and doublers," and 1 in "wood-pulp, celluloid, paper and cardboard manufacture, rag-sorting")

## RAILWAY

TABLE 35.—LIMITS of the ANNUAL EARNINGS of certain CLASSES of WORKPEOPLE employed certain CLASSES of WORKPEOPLE employed on, but not on

Occupation.	Workpeople on								
	Number of Workpeople whose ANNUAL EARNINGS (including all extra of houses and uniforms provided by the Railway Companies)								
	£48 and under.	Over £48 and up to £56.	Over £56 and up to £64.	Over £64 and up to £72.	Over £72 and up to £80.	Over £80 and up to £88.	Over £88 and up to £96.	Over £96 and up to £104.	Over £104 and up to £112.
<b>GENERAL ADMINISTRATION STAFF.</b>									
Ticket printers, lithographers and binders.	2	..	..	3	6	2	4	1	..
Office-keepers, messengers, &c. .	..	1	3	2	5	12	4	2	..
<b>HEAD OFFICE STAFF.</b>									
Store-keepers, &c. . . . .	..	5	9	8	5	3	10	4	5
Office-keepers, messengers, night watchmen, &c.	..	1	7	5	3	3	2	..	..
<b>PERMANENT WAY DEPARTMENT.</b>									
Superintendents (principal) ..	..	..	..	..	5	9	15	16	15
Superintendents (assistant) ..	..	..	..	4	13	7	2	1	1
Gangers and plate-layers ..	5	18	40	71	79	54	18	1	1
Level-crossing-keepers, men watching line, tunnels, &c.	281	502	409	352	121	20	1	..	..
<b>TRAFFIC DEPARTMENT.</b>									
Men and women in charge of waiting rooms.	..	5	21	31	22	12	10	17	9
Men in charge of luggage despatch.	..	8	17	12	15	7	5	3	1
Telegraphists .. .. .	15	24	8	17	5	3	3	2	..
Goods and luggage foremen ..	..	30	76	71	25	5	..	..	..
Inspectors in charge of rolling stock, and way-bills, &c.	..	33	14	25	17	11	5	5	..
Goods porters, carmen, &c. .	66	153	90	31	16	2	..	..	..
Foremen shunters .. .. .	..	7	24	38	36	50	20	9	2
Shunters .. .. .	..	39	164	36	19	5	..	..	..
Pointsmen and signalmen ..	31	279	651	265	149	53	..	1	..
Lampmen, cleaners and night watchmen.	1	23	29	10	2	..	..	..	..
Door-keepers and messengers ..	..	6	14	21	23	11	7	2	3
<b>TRAIN STAFF.</b>									
Head guards .. .. .	..	..	..	1	7	5	11	9	26
Guards .. .. .	..	..	7	3	13	61	249	325	163
Brakesmen .. .. .	..	2	1	6	81	188	170	47	3
<b>LOCOMOTIVE AND ROLLING STOCK DEPARTMENT.</b>									
Engine drivers .. .. .	..	..	..	..	..	1	3	5	19
Firemen .. .. .	1	6	1	11	15	42	159	229	217
Examiners, &c. .. .. .	..	1	6	10	53	35	22	22	3
Engine and carriage cleaners, coal porters, &c.	8	76	15	..	..	1	..	..	..
<b>Total .. .. .</b>	<b>410</b>	<b>1,299</b>	<b>1,606</b>	<b>1,033</b>	<b>734</b>	<b>692</b>	<b>729</b>	<b>701</b>	<b>466</b>

(a) Compiled from *Lohnstatistik des Personals der Schweizer. Eisenbahnen*, prepared, on the instructions Workers' Union.

SERVANTS.(a)

on the PERMANENT STAFF of RAILWAYS in SWITZERLAND, and of the WEEKLY WAGES of the PERMANENT STAFF of, such RAILWAYS, in 1898.

Permanent Staff.									Total.	Occupation.
allowances, lodgings money, trip money, premiums, &c., and the value were within the under-mentioned limits:—										
Over £112 and up to £120.	Over £120 and up to £132.	Over £132 and up to £144.	Over £144 and up to £156.	Over £156 and up to £168.	Over £168 and up to £180.	Over £180 and up to £192.	Over £192.			
									GENERAL ADMINISTRATION STAFF.	
1	5	1	..	..	..	..	..	25	Ticket printers, lithographers and binders.	
..	3	..	..	..	..	..	..	32	Office-keepers, messengers, &c.	
									HEAD OFFICE STAFF.	
4	1	2	..	..	..	..	..	56	Store-keepers, &c.	
..	..	..	..	..	..	..	..	21	Office-keepers, messengers, night watchmen, &c.	
									PERMANENT WAY DEPARTMENT.	
28	24	23	2	1	..	..	..	138	Superintendents (principal).	
..	..	..	..	..	..	..	..	28	Superintendents (assistant).	
..	..	..	..	..	..	..	..	237	Gangers and plate-layers.	
..	..	..	..	..	..	..	..	1,686	Level-crossing-keepers, men watching line, tunnels, &c.	
									TRAFFIC DEPARTMENT.	
8	3	1	1	1	..	..	..	140	Men and women in charge of waiting rooms.	
1	..	..	..	..	..	..	..	60	Men in charge of luggage despatch.	
1	..	..	..	..	..	..	..	78	Telegraphists.	
..	..	..	..	..	..	..	..	267	Goods and luggage foremen.	
..	..	..	..	..	..	..	..	100	Inspectors in charge of rolling stock, and way-bills, &c.	
..	..	..	..	..	..	..	..	358	Goods porters, carmen, &c.	
..	..	..	..	..	..	..	..	126	Foremen shunters.	
..	..	..	..	..	..	..	..	263	Shunters.	
..	..	..	..	..	..	..	..	1,422	Pointsmen and signalmen.	
..	..	..	..	..	..	..	..	65	Lampmen, cleaners and night watchmen.	
10	2	1	..	..	..	..	..	100	Door-keepers and messengers.	
									TRAIN STAFF.	
84	176	97	19	6	3	3	3	450	Head guards.	
36	9	7	..	..	..	..	..	272	Guards.	
..	..	..	..	..	..	..	..	497	Brakemen.	
									LOCOMOTIVE AND ROLLING STOCK DEPARTMENT.	
12	78	134	168	134	122	96	46	212	Engine drivers.	
108	47	14	3	..	..	..	..	353	Firemen.	
1	2	1	..	..	..	..	..	155	Examiners, &c.	
..	..	..	..	..	..	..	..	100	Engine and carriage cleaners, coal porters, &c.	
294	355	281	193	142	125	99	49	9,019	Total.	

of the Swiss Federal Railway Department, by Th. Sourbeck, General Secretary of the Swiss Transport

RAILWAY

TABLE 35.—LIMITS of the ANNUAL EARNINGS of certain CLASSES of WORKPEOPLE employed CLASSES of WORKPEOPLE employed on, but not on the

Occupation.	Workpeople not on							
	Number of Workpeople whose WEEKLY WAGES							
	17 frs. (13s. 7 <sup>2</sup> d.) and under.	Over 17 frs. (13s. 7 <sup>2</sup> d.) up to 19 frs. (15s. 2 <sup>4</sup> d.).	Over 19 frs. (15s. 2 <sup>4</sup> d.) up to 21 frs. (16s. 9 <sup>6</sup> d.).	Over 21 frs. (16s. 9 <sup>6</sup> d.) up to 23 frs. (18s. 4 <sup>8</sup> d.).	Over 23 frs. (18s. 4 <sup>8</sup> d.) up to 25 frs. (£1).	Over 25 frs. (£1) up to 27 frs. (21s. 7 <sup>2</sup> d.).	Over 27 frs. (21s. 7 <sup>2</sup> d.) up to 29 frs. (23s. 2 <sup>4</sup> d.).	Over 29 frs. (23s. 2 <sup>4</sup> d.) up to 31 frs. (24s. 9 <sup>6</sup> d.).
GENERAL ADMINISTRATION AND HEAD OFFICE STAFF. Office-keepers, messengers and other workmen.	3	4	3	4	5	14	6	7
PERMANENT WAY DEPART- MENT. Gangers .. .. .	..	..	1	13	11	24	5	6
Men watching line and other workmen.	10	89	486	403	318	102	25	6
TRAFFIC DEPARTMENT. Inspectors in charge of rolling stock and way-bills, &c.	2	2	18	2	11	16	11	16
Foremen (fast goods) .. ..	..	..	..	..	..	3	2	4
" (slow goods) .. ..	..	..	..	1	3	6	18	31
" (luggage) .. ..	..	..	..	..	..	..	1	1
" (shunters) .. ..	..	..	..	..	..	3	3	7
Porters (fast goods) .. ..	..	..	..	4	14	22	38	7
" (slow goods) .. ..	2	19	86	122	342	377	141	17
" (luggage) .. ..	..	..	5	10	13	26	13	6
Shunters .. ..	..	8	22	36	139	99	50	5
Pointsmen and signalmen ..	..	3	43	36	116	127	24	7
Carriage cleaners and lampmen	..	3	12	23	62	95	47	12
Office-keepers, messengers, door- keepers, and night watchmen.	13	5	6	5	10	9	14	4
Female carriage cleaners ..	1	3	8	5	2	2	2	2
TRAIN STAFF. Guards and brakemen (a) ..	..	..	..	..	..	2	3	..
LOCOMOTIVE AND ROLLING STOCK DEPARTMENT. Reserve firemen (a) .. ..	..	..	..	..	..	7	11	7
Locomotive and other cleaners (including chimney sweeps).	5	1	16	69	152	123	50	30
Men at turn-tables, &c. ..	..	..	..	..	2	5	5	1
Coal stores workmen .. ..	..	..	2	8	49	67	11	5
Lampmen .. ..	..	..	1	..	3	13	3	3
Foremen (over cleaners and night firemen).	..	..	..	..	..	1	4	5
Night firemen .. ..	..	..	..	..	5	6	5	5
Examiners .. ..	..	..	..	1	..	7	9	14
Office-keepers, messengers, and night watchmen.	1	2	1	..	5	2	3	..
WORKSHOPS. Foremen .. ..	..	..	..	..	..	..	..	..
Smiths and moulders .. ..	..	2	1	9	6	28	22	15
Turners .. ..	1	3	4	6	20	39	34	27
Fitters and tool makers .. ..	..	11	59	66	147	288	171	156
Erectors .. ..	..	..	..	..	..	1	..	2
Planers, slotters, borers, drillers and milling machine men.	2	..	3	29	28	57	3	2
Coppersmiths .. ..	..	..	..	1	1	4	2	4
Tinsmiths .. ..	..	..	..	..	2	8	6	10
Boiler-makers .. ..	..	..	..	..	2	3	11	7
Wheelwrights .. ..	..	..	..	..	2	3	8	6
Carpenters .. ..	..	..	..	1	4	22	19	13
Joiners .. ..	..	..	13	9	15	36	23	26
Painters .. ..	..	2	11	21	12	34	13	31
Upholsterers .. ..	..	1	2	5	5	8	3	7
Clockmakers and smiths, &c., on small work.	..	..	..	..	..	..	..	..
Telegraph construction foremen and workmen.	..	..	..	..	..	6	1	5
Strikers and labourers .. ..	36	64	259	254	217	78	12	2
Total .. ..	76	222	1,042	1,143	1,723	1,773	839	521

(a) The figures as to the wages of

**SERVANTS—continued**

on the PERMANENT STAFF of RAILWAYS in SWITZERLAND, and of the WEEKLY WAGES of certain PERMANENT STAFF of, such RAILWAYS, in 1898—continued.

Permanent Staff.								Total.	Occupation.
were within the under-mentioned limits.									
Over 31 fra. (24s. 9d.) up to 33 fra. (26s. 4 3/4d.).	Over 33 fra. (26s. 4 3/4d.) up to 35 fra. (28s.).	Over 35 fra. (28s.) up to 37 fra. (29s. 7 1/2d.).	Over 37 fra. (29s. 7 1/2d.) up to 40 fra. (32s.).	Over 40 fra. (32s.) up to 42 fra. (33s. 7 1/2d.).	Over 42 fra. (33s. 7 1/2d.) up to 45 fra. (36s.).	Over 45 fra. (36s.).			
..	3	..	2	..	..	..	51	GENERAL ADMINISTRATION AND HEAD OFFICE STAFF. Office-keepers, messengers and other workmen.—	
								PERMANENT WAY DEPART- MENT.	
4	2	1	..	..	..	..	67	Gangers.	
5	..	..	..	..	..	..	1 424	Men watching line and other workmen.	
								TRAFFIC DEPARTMENT.	
5	5	1	5	5	2	2	103	Inspectors in charge of rolling stock and way-bills, &c.	
3	1	1	..	..	..	..	14	Foremen (fast goods)	
59	3	..	..	..	..	..	121	" (slow goods)	
7	1	..	..	..	..	..	16	" (luggage).	
2	2	1	..	1	..	..	19	" (shunters).	
8	2	..	..	..	..	..	95	Porters (fast goods).	
7	..	..	..	..	..	..	1,113	" (slow goods).	
3	..	..	..	..	..	..	76	" (luggage).	
3	3	..	..	..	..	..	365	Shunters.	
..	..	..	..	..	..	..	356	Pointsmen and signalmen.	
3	..	..	..	..	..	..	257	Carriage cleaners and lampmen.	
2	..	..	..	..	..	..	68	Office-keepers, messengers, door- keepers and night watchmen.	
..	..	..	..	..	..	..	25	Female carriage cleaners.	
								TRAIN STAFF	
..	..	45	..	..	2	..	52	Guards and brakemen. (a)	
								LOCOMOTIVE AND ROLLING STOCK DEPARTMENT.	
19	35	6	64	7	46	3	205	Reserve firemen. (a)	
4	..	..	..	..	..	..	450	Locomotive and other cleaners (including chimney sweeps).	
1	..	..	..	..	..	..	14	Men at turn-tables, &c.	
1	..	..	..	..	..	..	143	Coal stores workmen.	
1	1	..	..	..	..	..	25	Lampmen.	
4	1	..	..	..	..	..	15	Foremen (over cleaners and night firemen).	
5	..	..	1	..	..	..	25	Night firemen.	
11	2	2	..	1	..	..	47	Examiners.	
..	..	..	..	..	..	..	14	Office-keepers, messengers, and night watchmen.	
								WORKSHOPS.	
1	3	2	17	24	11	20	78	Foremen.	
19	23	7	4	3	..	..	139	Smiths and moulders.	
26	9	10	5	1	..	..	165	Turners.	
121	66	25	13	4	..	..	1,127	Fitters and tool makers.	
9	16	12	15	4	..	..	59	Erectors.	
1	..	..	..	..	..	..	125	Planers, slotters, borers, drillers and milling machine men.	
2	1	2	..	..	1	..	16	Coppersmiths.	
5	1	1	1	..	..	..	24	Tinsmiths.	
6	10	3	2	6	1	..	51	Boiler-makers.	
4	..	..	..	..	..	..	23	Wheelwrights.	
18	1	..	..	..	..	..	78	Carpenters.	
23	11	1	1	..	..	..	153	Joiners.	
6	6	4	..	..	..	..	140	Painters.	
15	5	..	..	..	..	..	51	Upholsterers.	
..	2	..	1	..	..	..	3	Clockmakers and smiths, &c., on small work.	
1	4	2	3	1	..	..	23	Telegraph construction foremen and workmen.	
..	..	1	..	..	..	..	923	Strikers and labourers.	
414	219	127	134	57	63	25	8,300	Total.	

these workmen include extras.

WAGES IN  
COAL, METAL,

TABLE 36.—AVERAGE DAILY EARNINGS of

Year.	Average Daily				
	SARDINIAN MINES.(b)				
	Miners.		Masons.	Carters.	Engine-men.
	Inlanders.	Main-landers.			
	s. d.	s. d.	s. d.	s. d.	s. d.
1884	2 1½	3 3½	2 11½	2 3½	2 5½
1885	2 0½	3 3½	2 11½	2 2	2 7½
1886	2 0	3 2½	2 8½	2 0	2 8½
1887	1 11	3 2½	2 8½	2 1	2 6½
1888	1 11	3 0½	2 8½	2 2	2 8½
1889	1 11	3 0½	2 6½	2 0½	2 4½
1890	1 11	3 0½	2 8½	1 11½	2 2½
1891	1 11	3 0½	2 8½	2 0	2 4½
1892	1 11½	3 1½	2 7½	1 11½	2 5½
1893	1 11½	3 1½	2 7½	1 11½	2 4½
1894	2 3	3 2	2 5½	2 4½	2 4½
1895	2 2	3 2	2 6½	1 9½	2 7½
1896	2 2	3 3½	2 4½	1 10	2 5½
1897	2 2	3 5	2 5½	1 8½	2 5½
1898	1 6½	3 2	2 4	1 9½	2 6½

SILK

TABLE 37.—AVERAGE DAILY EARNINGS of WORKPEOPLE

Reeling.		Throw-	
Occupation.	Average daily Earnings.	Occupation.	
WOMEN AND GIRLS (Adults and Young Persons).		MEN.	
Overlookers .. .. .	1 7½(g)	Throwsters (organsine) .. ..	
Basin attendants .. .. .	0 6½	Do. (tram) .. .. .	
Reelers .. .. .	0 9½		
GIRLS. (Children).		WOMEN AND GIRLS.	
Knub preparers .. .. .	3d. to 3½d.	Winders.. .. .	
		Cleaners .. .. .	
		Doublers .. .. .	
		Warehouse hands .. .. .	

(a) Compiled from *Annuario Statistico Italiano*, published by the Statistical Office of the  
 (b) Sardinia produces silver, lead, zinc, antimony, manganese, coal and iron. The hours  
 people.  
 (c) The figures refer to the earnings of sulphur miners in the province of Caltanissetta,  
 pay out of their earnings about 4½d. per day for lights and repair of tools. The hours of  
 (d) The hours of labour in the Romagna sulphur mines are eight per day for  
 (e) Not stated.  
 (f) Compiled from a report on the prices paid for labour in the different departments of  
 by the Silk Association of Great Britain and Ireland.  
 (g) Includes estimated value of board and lodging.



ITALY.

&c., MINES.(a)

WORKPEOPLE employed in and at MINES in ITALY.

Earnings.				Year.
SICILIAN SULPHUR MINES.(c)		ROMAGNA SULPHUR MINES.(d)		
Hewers on piece-wage.	Hewers on day-wage.	Miners.	Loaders.	
s. d.	s. d.	s. d.	s. d.	
2 8½	2 0	2 0½	1 11½	1884
2 8½	1 10	1 10½	1 7½	1885
2 2	1 9	1 9½	1 7½	1886
1 11½	1 7½	1 9½	1 7½	1887
1 10½	1 6½	1 7½	1 4½	1888
1 10½	1 6½	1 7½	1 6	1889
2 3½	1 10	1 7	1 7½	1890
2 8½	2 2	1 9½	1 9	1891
2 10½	1 10	1 8	1 7½	1892
2 8½	1 8½	1 7	1 7½	1893
2 4½	1 6½	1 4½	1 4½	1894
2 1	1 4	1 3½	1 4½	1895
2 8½	1 8½	1 7½	1 7½	1896
2 9½	2 0	1 8½	1 7½	1897
3 7½	2 3	(e)	(e)	1898

MANUFACTURE.(f)

employed in SILK MANUFACTURE in NORTHERN ITALY, in 1898.

ing.	Weaving.	
Average daily Earnings.	Occupation.	Average daily Earnings.
s. d.	MEN.	
1 7½ 1s. 9d. to 2s.	Weavers .. .. .	1s. 2½d. to 2s.
0 5½ 0 6½ 0 6½ 0 6½	WOMEN. Weavers .. .. .	9½d. to 1s. 7½d.

Italian Ministry of Agriculture, Industry and Commerce.  
of labour in Sardinian Mines are eight per day for miners, ten for other work-  
which contains nearly one-half of the Sicilian sulphur mines. Hewers on piece-wage  
labour are eight per day.  
underground, and ten for surface workers.

the silk industry in Northern Italy, by Mr. F. Armstrong, H.M. Consul at Milan, published

## WAGES IN

## COAL, METAL, &amp;c.,

TABLE 38.—AVERAGE DAILY EARNINGS of (I.) HEWERS, (II.) PUTTERS

District.	Total Number of Workpeople of all Classes employed in and about Mines referred to in the Districts named in 1898.	I.—HEWERS.			
		Average			
		1892.	1893.	1894.	
<b>Coal Mines.</b>		<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
Mähr.-Ostrau (Silesia) ...	26,560	2 1½	2 4½	2 7	
Mähr.-Ostrau (Moravia) ...	10,212	3 4½	2 11½	3 1½	
Schlan (Bohemia) ...	7,085	2 6½	2 7½	2 7	
Mies (Bohemia) ...	6,357	2 2	2 3½	2 4½	
Prague (Bohemia) ...	3,188	2 1½	2 2	2 2½	
Cracow (Galicia) ...	2,878	1 10	1 8	1 10½	
Pilsen (Bohemia) ...	1,942	2 0½	2 0½	2 0½	
Brünn { Rossitz ... (Moravia) { Mähr.-Trübau }	2,551	2 4 {	2 3½ 1 1½	2 2½ 1 3	
Kuttenberg (Bohemia) ...	1,898	1 8½	1 9½	1 10	
<b>Lignite Mines.</b>					
Brüx (Bohemia) ...	18,621	3 7½	3 6½	3 7	
Teplitz (Bohemia) ...	5,069	3 5½	3 4½	3 5½	
Falkenau (Bohemia) ...	3,697	2 6½	2 6½	2 10½	
Elbogen (Bohemia) ...	1,928	2 6½	2 5½	2 6½	
Wels (Upper Austria) ...	1,611	{ 2 8 to 3 4 }	2 10	2 9½	
Komotau (Bohemia) ...	1,522	2 1	2 2	2 2½	
<b>Ironstone Mines.</b>					
Prague (Bohemia) ...	1,439	1 10½	1 10½	1 10	
<b>Other Mines.</b>					
Prague (Bohemia) ...	4,042	1 9½ { 1 2½ to 1 8 }	2 0	2 0	
Klagenfurt (Carinthia) ...	2,609		1 7½	1 8½	

(a) Compiled from *Statistisches Jahrbuch des K. K. Ackerbau-*

## AUSTRIA-HUNGARY.

## MINES.(a)

and TRAMMERS in PRINCIPAL MINING DISTRICTS of AUSTRIA.

L—HEWERS.					District.
Daily Earnings in					
1895.	1896.	1897.	1898.		
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<b>Coal Mines.</b>	
2 10½	2 10	2 10½	2 11½	Mähr.-Ostrau (Silesia).	
3 1½	3 2½	3 1	3 1½	Mähr.-Ostrau (Moravia).	
2 7½	2 9½	2 10	2 10	Schlan (Bohemia).	
2 2½	2 2½	2 4½	2 4½	Mies (Bohemia).	
2 5½	2 6	2 6½	2 7	Prague (Bohemia).	
2 1	2 1½	2 2	2 2½	Cracow (Galicia).	
2 1½	1 11	1 11½	2 1½	Pilsen (Bohemia).	
2 5½	2 3	2 4½	2 7½	Rossitz                      Brünn	
1 0½	1 2½	1 3½	1 8	Mähr.-Trübau } (Moravia).	
1 11½	2 0	2 0	1 11	Kuttenberg (Bohemia).	
				<b>Lignite Mines.</b>	
3 6½	3 6½	3 7½	3 9	Brüx (Bohemia).	
3 5½	3 6½	3 7	3 8½	Tepitz (Bohemia).	
2 10½	3 0½	3 0½	3 2½	Falkenau (Bohemia).	
2 6½	2 7	2 8½	2 9	Elbogen (Bohemia).	
2 9½	2 10½	2 10	2 10½	Wels (Upper Austria).	
2 2½	2 2½	2 5½	2 6½	Komotau (Bohemia).	
				<b>Ironstone Mines.</b>	
2 3½	2 2	2 5	1 0	Prague (Bohemia).	
				<b>Other Mines.</b>	
2 2½	2 5	2 3½	2 5½	Prague (Bohemia).	
1 8½	1 8½	1 9½	1 10½	Klagenfurt (Carinthia).	

Ministeriums, published by the Austrian Ministry of Agriculture.

## COAL, METAL, &amp;c.,

TABLE 38.—AVERAGE DAILY EARNINGS of (I.) HEWERS, (II.) PUTTERS and

District.	Total Number of Workpeople of <i>all</i> <i>Classes</i> employed in and about Mines referred to in the Districts named in 1898.	II.—PUTTERS			
		Average Daily			
		1892	1893.	1894.	
<b>Coal Mines.</b>					
Mähr.-Ostrau (Silesia) ... ..	26,560	s. d. 1 6½	s. d. 1 5½	s. d. 1 7½	
Mähr.-Ostrau (Moravia)... ..	10,212	2 0	1 6	1 8½	
Schlan (Bohemia) ... ..	7,085	1 5½	1 6	1 9	
Mies (Bohemia) ... ..	6,357	1 8½	1 8½	1 8	
Prague (Bohemia) ... ..	3,188	1 4½	1 4	1 4	
Oracow (Galicia) ... ..	2,878	1 0½	1 0	1 1½	
Pilsen (Bohemia) ... ..	1,942	1 7½	1 5½	1 5½	
Brünn } Rossitz ... ..	2,551	1 7½	1 7½	1 6½	
(Moravia) } Mähr.-Trübau ... ..			0 11½	1 0	
Kuttenberg (Bohemia) ... ..	1,898	1 3½	1 3½	1 2½	
<b>Lignite Mines.</b>					
Brüx (Bohemia) ... ..	18,621	2 1½	2 1½	2 1½	
Teplitz (Bohemia) ... ..	5,069	2 4½	2 4	2 2½	
Falkenau (Bohemia) ... ..	3,697	2 1½	2 1½	2 5½	
Elbogen (Bohemia) ... ..	1,928	2 3½	2 2	2 3½	
Wels (Upper Austria) ... ..	1,611	{ 1 11 to 3 0 }	1 11	1 11½	
Komotau (Bohemia) ... ..	1,522	1 8½	1 8½	1 9½	
<b>Ironstone Mines.</b>					
Prague (Bohemia) ... ..	1,439	1 2½	1 2½	1 4	
<b>Other Mines.</b>					
Prague (Bohemia) ... ..	4,042	1 3½	1 4½	1 6½	
Klagenfurt (Carinthia) ... ..	2,609	{ 0 11½ to 1 7½ }	1 4	1 4½	

## BLAST-

TABLE 39.—AVERAGE DAILY EARNINGS of certain CLASSES of WORKPEOPLE DISTRICTS

District.	Total Number of Workpeople of all Classes employed at Blastfurnaces in the Districts named in 1898.	Occupation.	Average	
			1892.	1893.
Mähr.-Ostrau (Moravia)	1,691	Blastfurnacemen	s. d. 4 6	s. d. 3 10½
		Yard labourers, &c. (men).	1 4½	1 4
Prague (Bohemia) ...	820	Blastfurnacemen	2 5	2 5½
		Labourers (men)	not stated	1 8
		Keepers ...	3 0	2 7½
Mähr.-Ostrau (Silesia)	1,033	Fillers ...	2 1½	3 2½
		Moulders ...	2 3	1 4½

(a) In addition to the putters and trammers ("Förderer"), who move the employed to take the coal, &c., in wheelbarrows from the working place to the class ("Förderer") exclusively.

(b) Compiled from the source stated in footnote on pp. 77-8, ante.

## AUSTRIA-HUNGARY.

80

## MINES—continued.

## TRAMMERS in the PRINCIPAL MINING DISTRICTS of AUSTRIA—continued.

AND TRAMMERS.(a)					District.
Earnings in					
1895.	1896.	1897.	1898.		
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<b>Coal Mines.</b>	
1 8½	1 9	1 9½	1 10½	Mähr.-Ostrau (Silesia).	
1 9	1 9½	1 9½	2 1½	Mähr.-Ostrau (Moravia).	
1 9½	1 8½	1 9½	1 8½	Schlan (Bohemia).	
1 9½	1 8½	1 10½	1 10½	Mies (Bohemia).	
1 8½	1 4	1 4½	1 6½	Prague (Bohemia).	
1 3½	1 4½	1 4½	1 4½	Cracow (Galicia).	
1 6½	1 5	1 5½	1 7	Pilsen (Bohemia).	
1 7½	1 6½	1 6½	1 5½	Rossitz } Brünn.	
0 11	1 0½	1 6	1 3½	Mähr.-Trübau } (Moravia).	
1 3	1 3½	1 3½	1 4½	Kuttentberg (Bohemia).	
				<b>Lignite Mines.</b>	
2 4½	2 5½	2 5½	2 5½	Brüx (Bohemia).	
2 2	2 3	2 3½	2 4½	Teplitz (Bohemia).	
2 4½	2 5½	2 5½	2 6½	Falkenau (Bohemia).	
2 2½	2 3	2 4½	2 4½	Elbogen (Bohemia).	
2 0	2 0	2 0	2 0	Wels (Upper Austria).	
1 9½	2 0½	2 0½	2 2½	Komotau (Bohemia).	
1 4½	1 5½	1 6	1 7½	<b>Ironstone Mines.</b>	
				Prague (Bohemia).	
				<b>Other Mines.</b>	
1 8	1 9½	1 9½	1 10½	Prague (Bohemia).	
1 5	1 4½	1 5½	1 5½	Klagenfurt (Carinthia).	

## FURNACES.(b)

employed at BLASTFURNACES connected with MINES in PRINCIPAL MINING of AUSTRIA.

Daily Earning in					District.
1894.	1895.	1896.	1897.	1898.	
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	
3 5½	3 8½	4 1½	3 9½	4 5½	Mähr.-Ostrau (Moravia).
1 3½	1 4½	1 6½	1 6½	1 6½	
2 6½	2 3½	2 4	2 6	2 10	Prague (Bohemia).
1 2	1 5	1 5	1 4	1 5	
2 5	2 5½	2 6½	2 8	3 0½	Mähr.-Ostrau (Silesia).
2 4½	2 3½	2 0½	2 2	2 4½	
1 9½	1 9½	2 0	2 1½	2 4½	

coal, &amp;c., in trucks, young men and lads, usually known as "Säuberer," are foot of the inclined plane. The figures stated in the table apply to the former

## REICHENBERG DISTRICT

TABLE 40.—AVERAGE WEEKLY EARNINGS OF WORKPEOPLE (*other than Lads and*  
REICHENBERG (NORTHERN BOHEMIA) CHAMBER OF

Trade.	Average Weekly Earnings of Workpeople (over 16 years).		Number of Workpeople to whose Earnings the figures stated in Cols. 3 and 4 relate.	
	Men.	Women.	Men.	Women.
(1)	(2)	(3)	(4)	(5)
<b>METAL, ENGINEERING AND SHIPBUILDING.</b>				
	s. d.	s. d.		
Iron moulding .. .. .	13 4	..	1,089	..
Rolling mills, &c. .. .. .	21 0	..	1,086	..
Steel goods manufacture .. .. .	9 2	..	186	..
Smiths, locksmiths, fitters, &c. .. .. .	10 9	..	152	..
Manufacture of bronze goods, &c. .. .. .	10 7	4 11	107	44
Manufacture of metal buttons .. .. .	11 8	5 4	496	770
Manufacture of machines .. .. .	11 8	..	474	..
Manufacture of agricultural machinery, combs (for textile trades), hosiery machinery, fire engines, pumps, &c. .. .. .	12 2	5 3	189	39
Shipbuilding .. .. .	9 10	..	118	..
Manufacture of musical instruments .. .. .	11 8	..	144	..
<b>TEXTILE TRADES.</b>				
Cotton spinning .. .. .	8 8	6 6	3,855	3,809
Cotton waste spinning .. .. .	10 1	6 5	585	424
Cotton and wool (mixed) spinning .. .. .	11 2	7 7	102	142
Knitting and crochet thread manufacture .. .. .	..	5 7	..	145
Cotton weaving .. .. .	8 10	6 6	6,076	9,135
Woollen yarn spinning .. .. .	11 7	8 11	547	204
Worsted yarn spinning .. .. .	8 11	5 6	306	471
Woollen cloth manufacture .. .. .	10 1	6 5	2,356	1,284
Manufacture of woollen goods .. .. .	9 8	6 2	4,108	5,108
Flax spinning .. .. .	7 9	5 9	4,211	6,254
Linen thread, twine, pack-thread, rope, &c., manufacture .. .. .	9 8	6 5	191	142
Linen weaving .. .. .	7 11	5 3	117	59
Jute spinning and weaving .. .. .	7 0	6 1	685	835
Silk weaving .. .. .	8 1	6 0	510	649
Ribbon weaving .. .. .	8 8	4 7	175	60
Manufacture of mixed (excluding vegetable fibre) goods .. .. .	9 8	6 10	2,109	2,688
Manufacture of carpets, blankets, &c. .. .. .	12 2	7 5	750	627
Bleaching .. .. .	8 8	5 4	954	302
Cotton printing .. .. .	10 0	5 9	1,997	769
Dyeing .. .. .	10 1	6 5	1,235	269
Finishing .. .. .	10 1	5 8	427	66
Hosiery and embroidery manufacture .. .. .	10 11	6 10	307	932
Manufacture of covered (linen, &c.) buttons and trimmings .. .. .	11 4	5 3	39	176
Elastic web weaving .. .. .	14 1	8 2	45	99
<b>CLOTHING TRADES.</b>				
Underlinen and stocking, &c., manufacture .. .. .	11 4	6 2	318	447
Boot and shoe making .. .. .	9 5	7 6	175	54
Felt and straw hat manufacture .. .. .	10 9	5 0	21	155
<b>PRINTING AND ALLIED TRADES.</b>				
Printing and lithography .. .. .	13 11	6 0	404	134
Lithographic artists and lithographers .. .. .	10 7	5 3	79	55

(a) Compiled from *Nordböhmische Arbeiter-Statistik, Tabellarische Darstellung der durchgeführten Erhebung*, published by the Reichenberg Chamber of Commerce and in 1890 was 1,852,939.) Establishments (workshops, &c.) on a small scale were not included

## (NORTHERN BOHEMIA). (a)

Girls under 16 years of age employed in certain TRADES in the DISTRICT of the COMMERCE and INDUSTRY, on December 1st, 1888.

Trade.	Average Weekly Earnings of Workpeople (over 16 years).		Number of Workpeople to whose Earnings the figures stated in Cols. 2 and 3 relate.	
	Men.	Women.	Men.	Women.
(1)	(2)	(3)	(4)	(5)
PAPER MAKING.				
	s. d.	s. d.		
Wood pulp making .. .. .	9 5	5 10	396	83
Paper making .. .. .	10 1	5 10	1,404	967
Manufacture of paper and cardboard goods .. .. .	10 8	5 0	51	106
WOODWORKING, MANUFACTURE OF BONE, INDIA RUBBER, GUTTA PERCHA AND SIMILAR MATERIALS.				
Sawmills .. .. .	8 9	.. ..	336	..
Woodwares (coarse goods) manufacture .. .. .	8 8	6 2	387	34
Woodwork (building joinery), cabinet making and fancy goods making.	11 10	6 11	639	429
Bone button manufacture .. .. .	8 6	4 10	146	42
Agate, &c., button making .. .. .	10 0	5 1	824	485
CHEMICAL, &c. TRADES.				
Manufacture of chemical products .. .. .	13 6	6 3	1,505	130
Starch making and glue boiling .. .. .	7 11	5 0	82	21
Soap and candle making .. .. .	12 3	6 8	138	2
Gas (for lighting) making .. .. .	13 6	..	160	..
STONE, EARTH, POTTERY AND GLASS INDUSTRIES.				
Ballast winning, manufacture of mill-stones and slates, and polishing of precious stones.	8 11	..	100	..
Limeburning .. .. .	6 3	..	311	..
Brick and tile making .. .. .	9 4	5 11	220	48
Pottery .. .. .	12 7	5 11	334	171
Manufacture of fire bricks, &c.	15 1	6 4	226	61
Manufacture of patent stone, majolica and terracotta goods.	13 10	7 4	409	241
Porcelain manufacture .. .. .	11 1	5 4	670	330
Window glass manufacture .. .. .	12 3	..	229	..
Glass bottle manufacture .. .. .	13 11	6 4	1,123	150
Sheet glass manufacture .. .. .	20 9	..	145	..
Bar, rod and prism glass manufacture .. .. .	13 2	..	474	..
Manufacture of glass goods .. .. .	9 3	5 4	367	236
Looking-glass and frame manufacture and glass bevelling.	7 1	5 0	593	296
FOOD AND TOBACCO TRADES.				
Corn mills .. .. .	10 2	..	506	..
Sugar manufacture .. .. .	8 6	5 2	5,572	1,199
Chocolate and candy manufacture .. .. .	13 3	5 6	53	61
Manufacture of coffee substitutes and spice .. .. .	10 1	5 4	61	44
Brewing .. .. .	12 11	..	1,074	..
Distilling .. .. .	9 0	..	194	..
LEATHER, SKIN, BRUSH, HAIR AND FEATHER TRADES.	10 1	5 9	642	38

Ergebnisse der von der Reichenberger Handels- und Gewerbeammer am 1. December, 1888, Industry. (The population of the district of the Reichenberg Chamber of Commerce in this inquiry.

## GOVERNMENT TOBACCO FACTORIES.(a)

TABLE 41.—AVERAGE WEEKLY EARNINGS of ADULT WOMEN PIECE WORKERS (*not including Learners*) employed in certain BRANCHES in the GOVERNMENT TOBACCO FACTORIES in AUSTRIA.

Branch.	Average Weekly Earnings in		
	1896.	1897.	1898.
Cigar making ... ..	s. d. 6 10	s. d. 6 10	s. d. 7 0
Cigarette making ... ..	7 9	7 10	7 11
Tobacco making (for pipes, etc.) ... ..	6 11	7 3	7 4
Cardboard box making ... ..	8 10	9 1	9 1
General Average ... ..	7 0	7 1	7 3

## ENGINEERING WORKS AT BRÜNN (MORAVIA).(b)

TABLE 42.—LIMITS of the YEARLY EARNINGS (*Overtime and Piece-work included*) of the ADULT WORKMEN employed during the WHOLE YEAR in ENGINEERING WORKS at BRÜNN (MORAVIA). Year ended March 31st, 1892.

Occupation.	Number of (Adult) Workpeople whose Total Earnings in the Year ( <i>Overtime and Piece-work included</i> ) were within the under-mentioned Limits.								Total.
	300 gulden (£25) and under.	Over 300 g. and up to 400 g. (£25 to £33 6s. 8d.).	Over 400 g. and up to 500 g. (£33 6s. 8d. to £41 13s. 4d.).	Over 500 g. and up to 600 g. (£41 13s. 4d. to £50).	Over 600 g. and up to 800 g. (£50 to £66 13s. 4d.).	Over 800 g. and up to 1,000 g. (£66 13s. 4d. to £83 6s. 8d.).	Over 1,000 g. and up to 1,200 g. (£83 6s. 8d. to £100).	Over 1,200 gulden (£100).	
Pattern makers .. ..	..	7	7	8	29	5	1	..	57
Iron-moulders and brass-founders .. ..	..	2	3	3	16	26	9	15	74
Dressers .. ..	1	6	1	2	..	..	..	..	10
Turners .. ..	2	8	7	16	65	34	8	..	149
Planers, drillers, borers, slotters and milling-machine-men.	1	8	16	13	13	5	..	..	56
Fitters .. ..	4	37	51	39	51	29	17	25	253
Boiler-makers .. ..	..	10	22	15	31	17	8	6	109
Smiths .. ..	..	..	2	7	13	5	3	2	32
Smiths' strikers .. ..	2	8	8	9	5	..	..	..	32
Coppersmiths .. ..	1	..	..	..	1	4	2	2	10
Tinsmiths .. ..	2	8	12	13	18	15	8	5	81
Labourers .. ..	15	67	17	9	2	..	..	..	119
Total .. ..	28	161	146	134	244	140	56	55	964

(a) Compiled from *Mittheilungen des K. K. Finanz-Ministeriums*, published by the Austrian Ministry of Finance. The number of persons employed in these factories in all branches combined at the end of 1898 was 38,547 (3,874 male and 34,673 female).

(b) Compiled from *Die Arbeiter der Brünner Maschinen-Industrie, Untersuchungen über ihre Arbeits- und Lohnverhältnisse*, published by the Brunn Chamber of Commerce and Industry.



ENGINEERING WORKS AT BRÜNN (MORAVIA).<sup>(a)</sup>TABLE 43.—LIMITS of the AVERAGE EARNINGS for each HOUR worked during the Year (*Overtime and Piece-work included*), of the WORKMEN (*Excluding Apprentices*) employed in ENGINEERING WORKS at BRÜNN (MORAVIA), Year ended March 31st, 1892.

Occupation	Number of Workmen ( <i>excluding Apprentices</i> ) whose Average Earnings for each Hour worked during the Year ( <i>Overtime and Piece-work included</i> ) were within the under-mentioned Limits.								Total.
	Under 2d.	2d. and under 3d.	3d. and under 4d.	4d. and under 5d.	5d. and under 6d.	6d. and up to 7d.	Over 7d. up to 8d.	Over 8d. up to 1s.	
Pattern makers	3	26	26	46	13	4	2	...	120
Iron-moulders and brass-founders.	6	16	51	42	22	41	13	23	214
Dressers ...	4	49	12	1	...	...	...	...	66
Turners ...	9	42	65	82	76	13	7	3	297
Planers, drillers, borers, slotters and milling-machine men.	4	92	36	19	5	4	...	...	160
Fitters ...	9	193	158	72	46	23	10	9	520
Boiler-makers ...	7	91	175	60	27	7	2	4	373
Smiths ...	2	13	31	13	11	7	1	2	80
Smiths' strikers	2	50	19	8	...	...	...	...	79
Coppersmiths ...	1	6	12	7	20	10	1	...	57
Tinsmiths ...	5	42	52	49	22	14	1	3	188
Labourers ...	165	268	16	2	...	...	...	...	451
<b>Total ...</b>	<b>217</b>	<b>888</b>	<b>653</b>	<b>401</b>	<b>242</b>	<b>123</b>	<b>37</b>	<b>44</b>	<b>2,605</b>

<sup>(a)</sup> Compiled from the source stated in footnote <sup>(b)</sup> on p. 83, *ante*.

AGRICULTURAL LABOUR, 1895.(a)

TABLE 44.—DAILY WAGES of MANUAL LABOURERS employed in AGRICULTURE in HUNGARY, in 1895.

Occupation.		Daily Wages for the Kinds of Work specified below.					
		Harvest.	Thresh- ing.	Mowing.	Vine- tending.	Wood- cutting.	Other Work.
		s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Men	{ with board ...	1 5½	1 4½	1 4	1 0	0 11½	0 10½
	{ without board	1 11½	1 9½	1 9½	1 3½	1 3½	1 2½
Women	{ with board ...	0 11½	0 10½	0 9½	0 8½	0 8½	0 7½
	{ without board	1 3½	1 1½	1 1½	1 0½	0 11½	0 10½
Carters (one horse) ...		s. d. 3 1	Carters providing own horses and carts.				s. d. 7 0½
Carters (two horses) ...		5 3½					

AGRICULTURAL LABOUR, 1896-1898.(b)

TABLE 45.—AVERAGE DAILY WAGES of AGRICULTURAL LABOURERS in HUNGARY, 1896-8.

Season.	AVERAGE DAILY WAGES OF								
	Men.			Women.			Children.		
	1896.	1897.	1898.	1896.	1897.	1898.	1896.	1897.	1898.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Spring :									
With board .. ..	0 7½	0 8	0 7½	0 5½	0 5½	0 5½	0 3½	0 3½	0 3½
Without board .. ..	0 11½	0 11½	0 10½	0 8	0 8½	0 7½	0 5½	0 5½	0 5½
Summer :									
With board .. ..	1 1	1 1½	1 1	0 8	0 8½	0 8½	0 5	0 5½	0 5½
Without board .. ..	1 5½	1 6½	1 5½	0 11½	1 0	0 11½	0 7½	0 8	0 7½
Autumn :									
With board .. ..	0 8½	0 9½	0 9	0 6	0 6½	0 6½	0 4	0 4½	0 4½
Without board .. ..	1 0½	1 0½	1 0½	0 8½	0 9	0 8½	0 6	0 6	0 6
Winter :									
With board .. ..	0 6½	0 6½	0 6½	0 4½	0 4½	0 4½	0 2½	0 3	0 3
Without board .. ..	0 9	0 9½	0 9	0 6½	0 6½	0 6½	0 4½	0 4½	0 4½

(a) Compiled from *Magyar Statisztikai Értekez.*, published by the Statistical Bureau of the Hungarian Ministry of Commerce. The figures relate to Hungary proper.

(b) Compiled from *Soziale Rundschau* (the journal of the Austrian Labour Department), September 1900.

# WAGES IN THE UNITED STATES.

## AGRICULTURAL LABOUR, 1879-92.(a)

TABLE 46.—AVERAGE WAGES per MONTH by the YEAR or SEASON of  
AGRICULTURAL LABOURERS in different SECTIONS of the UNITED STATES.

AVERAGE WAGES PER MONTH BY THE YEAR OR SEASON.							
Year.	Eastern States.	Middle States.	Southern States.	Western States.	Mountain States.	Pacific States.	All Sections to- gether.
Without Board.							
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1879 ...	4 9 0	4 4 4	2 12 9	4 2 7	...	8 7 2	3 6 11
1882 ...	5 10 8	4 16 9	3 1 2	4 16 11	7 12 1	7 15 1	3 17 5
1885 ...	5 5 5	4 16 8	2 19 6	4 12 10	6 6 0	7 17 5	3 15 3
1888 ...	5 8 6	4 16 4	3 0 7	4 12 8	6 19 1	7 13 1	3 16 0
1890 ...	5 11 0	4 18 5	3 1 7	4 11 9	6 13 1	7 5 4	3 16 5
1892 ...	5 10 3	4 19 4	3 1 11	4 14 3	6 14 0	7 10 8	3 17 6

With Board.							
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
1879 ...	2 14 4	2 11 7	1 15 3	2 13 2	...	5 7 10	2 3 6
1882 ...	3 10 6	3 1 4	2 1 4	3 5 0	5 12 10	4 18 11	2 11 9
1885 ...	3 9 7	3 3 6	2 1 3	3 3 4	4 2 3	5 1 7	2 11 5
1888 ...	3 11 9	3 4 3	2 1 3	3 2 11	4 11 8	5 4 6	2 11 6
1890 ...	3 13 10	3 5 1	2 2 1	3 2 6	4 6 0	4 13 9	2 11 11
1892 ...	3 12 11	3 5 9	2 1 9	3 4 0	4 8 8	5 1 1	2 12 3

(a) Compiled from *Wages of Farm Labour in the United States*, published by the United States Department of Agriculture, Division of Statistics. Where blanks are shown in the table, the details are wanting in the source.

## AGRICULTURAL LABOUR, 1893-99.(a)

TABLE 47.—AVERAGE WAGES in 1893-95, 1898, and 1899 in certain STATES of the UNITED STATES : Part I., WAGES per MONTH ; Part II., WAGES per DAY in HARVEST ; Part III., WAGES per DAY outside of HARVEST.

## PART I.—WAGES PER MONTH.

State.	Average Wages without Board.						
	1893.	1894.	1895.	1898.		1899.	
				By the Year.	By the Season.	By the Year.	By the Season.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Vermont .. ..	5 6 6	4 18 4	5 14 0	5 7 0	5 15 8	5 9 10	5 19 3
Pennsylvania ..	4 15 2	4 8 10	4 11 4	4 6 7	4 14 2	4 10 7	4 18 11
North Carolina ..	2 12 4	2 8 10	2 8 3	2 8 8	2 12 1	2 9 10	2 13 5
Texas .. ..	3 19 0	3 14 1	3 14 4	3 12 3	3 15 11	3 13 1	3 16 9
Iowa .. ..	5 13 2	5 5 4	5 6 4	5 3 0	5 8 5	5 9 8	5 16 0
Oregon .. ..	6 7 5	5 7 2	4 19 1	5 16 1	6 8 3	6 3 6	6 16 9

## Average Wages with Board.

	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Vermont .. ..	3 15 10	3 10 0	3 14 9	3 11 8	4 0 10	3 13 6	4 2 8
Pennsylvania ..	2 19 1	2 14 3	2 16 11	2 12 10	3 0 3	2 15 10	3 3 7
North Carolina ..	1 15 11	1 13 1	1 12 6	1 12 8	1 16 7	1 13 6	1 17 9
Texas .. ..	2 16 7	2 12 5	2 12 3	2 11 1	2 15 8	2 11 8	2 16 1
Iowa .. ..	4 1 1	3 14 7	3 15 7	3 12 8	3 18 10	3 16 7	4 4 4
Oregon .. ..	4 11 7	3 12 6	3 8 11	4 2 7	4 16 4	4 7 10	5 2 10

(a) Compiled from *Bulletin of the Department of Labour*, No. 29, July, 1900, published by the United States Department of Labour. The details were furnished to that Department by the statistician of the United States Department of Agriculture.

## AGRICULTURAL LABOUR, 1893-99—continued.

TABLE 47.—AVERAGE WAGES in 1893-95, 1898, and 1899 in certain STATES of the UNITED STATES: Part I., WAGES per MONTH; Part II., WAGES per DAY in HARVEST; Part III., WAGES per DAY outside of HARVEST—continued.

## PART II.—WAGES PER DAY IN HARVEST.

State.	Average Wages without Board.				
	1893.	1894.	1895.	1898.	1899.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Vermont ... ..	7 11	7 0½	6 8½	7 0	7 3
Pennsylvania ... ..	6 2½	5 9	5 11	6 0	6 3½
North Carolina ... ..	3 11½	3 9	3 10½	3 10½	3 11
Texas ... ..	4 7½	4 3½	4 4	4 9	4 10
Iowa ... ..	6 10	6 1	6 1½	6 7½	7 3½
Oregon ... ..	7 5½	6 3½	5 8½	6 11½	7 7

Average Wages with Board.					
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Vermont ... ..	6 8	5 9½	5 3	5 8	5 10½
Pennsylvania ... ..	4 11½	4 6	4 9	4 8½	5 0
North Carolina ... ..	3 4	3 1½	3 1	3 3	3 3½
Texas ... ..	3 10½	3 7	3 5½	3 10	3 10½
Iowa ... ..	5 6½	4 10	4 11½	5 4	6 1½
Oregon ... ..	5 11	4 11	4 7	5 7	6 1½

## PART III.—WAGES PER DAY OUTSIDE OF HARVEST.

State.	Average Wages without Board.				
	1893.	1894.	1895.	1898.	1899.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Vermont ... ..	5 3	4 7½	5 2½	5 3½	5 5
Pennsylvania ... ..	4 6½	4 2	4 4	4 6½	4 9½
North Carolina ... ..	2 5	2 3	2 3	2 5	2 6
Texas ... ..	3 9	3 6	3 4½	3 8½	3 9
Iowa ... ..	5 4½	4 10½	4 10½	5 3½	5 10
Oregon ... ..	5 4½	4 5	4 2	5 2	5 7½

Average Wages with Board.					
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Vermont ... ..	4 4½	4 0½	3 11	4 0½	4 2
Pennsylvania ... ..	3 4½	3 1	3 3	3 4	3 6
North Carolina ... ..	1 11	1 9½	1 8½	1 10	1 11
Texas ... ..	3 0	2 9½	2 7½	2 9½	2 10
Iowa ... ..	4 2	3 8	3 10½	4 1½	4 7½
Oregon ... ..	4 0	3 2	3 0	3 10½	4 2

## AGRICULTURAL

TABLE 48.—Part I., AVERAGE WAGES per MONTH by the YEAR or SEASON:  
Part III., AVERAGE DAY WAGES for ORDINARY TRANSIENT SERVICE, of  
UNITED STATES.

## PART I.—WAGES PER MONTH

State or Territory.	Average Wages without Board.					
	1879.	1882.	1885.	1888.	1890.	1892.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Maine .. .. .	3 18 1	5 3 2	4 16 3	5 2 8	5 4 2	5 2 1
New Hampshire .. .. .	4 2 4	5 5 3	4 15 0	5 1 7	5 4 10	5 4 2
Vermont .. .. .	3 19 2	4 17 5	4 15 10	4 16 11	5 3 4	5 2 10
Massachusetts .. .. .	5 4 2	6 7 9	5 19 10	6 2 11	6 5 0	6 3 9
Rhode Island .. .. .	4 15 10	5 15 8	5 18 9	5 15 8	6 1 8	6 0 10
Connecticut .. .. .	4 17 1	5 16 8	5 15 4	5 14 2	5 12 6	5 14 1
New York .. .. .	4 5 11	4 18 6	5 0 0	5 0 7	5 1 11	5 2 4
New Jersey .. .. .	4 4 8	5 1 1	4 18 4	4 17 3	5 4 7	5 6 3
Pennsylvania .. .. .	4 3 0	4 15 4	4 13 10	4 12 8	4 15 0	4 15 10
Delaware .. .. .	3 10 10	3 15 10	3 16 5	3 15 0	3 12 4	3 18 2
Maryland .. .. .	2 18 4	3 8 1	3 15 10	3 17 0	3 13 8	3 12 11
Virginia .. .. .	2 5 10	2 17 11	2 18 2	3 16 4	2 19 3	3 4 7
North Carolina .. .. .	2 6 8	2 13 7	2 13 7	2 15 11	2 13 6	2 15 5
South Carolina .. .. .	2 2 9	2 10 5	2 10 0	2 11 1	2 10 5	2 12 1
Georgia .. .. .	2 4 9	2 13 7	2 12 0	2 12 6	2 14 9	2 16 3
Florida .. .. .	2 17 6	3 9 4	3 14 2	3 15 0	4 0 8	3 17 10
Alabama .. .. .	2 15 0	2 14 10	2 14 2	2 16 8	2 18 4	2 17 4
Mississippi .. .. .	2 15 6	3 2 11	3 0 10	3 2 8	3 4 1	3 4 2
Louisiana .. .. .	3 8 4	3 15 10	3 6 11	3 4 1	3 6 7	3 7 9
Texas .. .. .	3 16 2	4 4 2	3 18 8	4 0 0	4 2 9	3 18 2
Arkansas .. .. .	3 11 4	3 17 1	3 12 3	3 16 5	3 16 8	3 12 1
Tennessee .. .. .	2 13 1	2 17 4	2 17 10	2 15 4	2 19 4	3 0 5
West Virginia .. .. .	3 10 9	3 19 10	3 19 2	3 18 1	4 1 6	4 1 3
Kentucky .. .. .	3 3 3	3 15 10	3 10 0	3 8 10	3 10 3	3 12 11
Ohio .. .. .	4 6 4	5 2 4	4 15 10	4 12 7	4 12 1	4 14 4
Michigan .. .. .	4 15 4	5 7 4	5 0 0	5 5 0	5 3 4	5 0 0
Indiana .. .. .	4 4 2	4 16 5	4 12 6	4 13 9	4 12 9	4 14 10
Illinois .. .. .	4 5 11	4 19 8	4 17 11	4 16 8	4 16 11	5 1 1
Wisconsin .. .. .	4 7 10	5 9 3	4 18 1	5 2 9	5 1 6	5 5 3
Minnesota .. .. .	5 2 4	5 9 10	5 6 3	5 7 4	5 2 6	5 8 4
Iowa .. .. .	4 12 1	5 9 3	5 5 7	5 6 8	5 5 11	5 9 2
Missouri .. .. .	3 13 4	4 13 4	4 9 0	4 7 6	4 4 5	4 5 5
Kansas .. .. .	4 6 2	4 19 5	5 2 11	5 1 1	4 14 10	5 0 10
Nebraska .. .. .	4 16 0	5 1 11	5 4 2	5 6 8	5 6 8	5 7 4
South Dakota .. .. .	5 19 0	..	5 6 6	5 7 9	5 3 2	5 12 6
North Dakota .. .. .	..	..	..	..	..	6 5 0
Montana .. .. .	..	..	..	8 6 8	7 12 1	7 5 10
Wyoming .. .. .	..	..	..	7 14 2	7 1 8	7 1 8
Colorado .. .. .	7 5 10	7 12 1	6 17 6	7 10 0	7 0 8	6 17 6
New Mexico .. .. .	4 13 1	..	5 19 10	5 19 10	5 14 7	5 15 4
Arizona .. .. .	..	..	..	5 4 2	6 17 6	6 17 6
Utah .. .. .	6 0 4	..	6 5 0	6 19 7	6 14 7	6 19 7
Nevada .. .. .	..	..	..	7 18 4	7 5 10	7 10 0
Idaho .. .. .	..	..	..	6 2 6	7 11 1	7 2 11
Washington .. .. .	..	..	7 19 9	7 6 8	7 14 2	7 16 3
Oregon .. .. .	7 7 9	6 19 7	7 1 8	6 15 8	6 11 8	7 2 9
California .. .. .	8 16 10	7 19 5	8 1 6	7 18 8	7 7 11	7 12 1
General Average.. .. .	3 8 5	3 18 11	3 14 11	3 16 0	3 10 5	3 17 6

(a) Compiled from the source stated in footnote on page 85, ante. Where

LABOUR.(a)

Part II., AVERAGE DAY WAGES for TRANSIENT SERVICE in HARVEST; and AGRICULTURAL LABOURERS in the different STATES and TERRITORIES of the

BY THE YEAR OR SEASON.

Average Wages with Board.							State or Territory.
1875.	1879.	1882.	1885.	1888.	1890.	1892.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	
3 6 5	2 6 2	3 7 4	3 6 8	3 11 8	3 12 11	3 10 10	Maine.
3 16 1	2 11 3	3 9 8	3 5 8	3 10 10	3 13 4	3 12 11	New Hampshire.
4 0 9	2 7 11	3 6 8	3 7 6	3 8 4	3 12 4	3 12 9	Vermont.
4 4 5	3 3 11	3 16 1	3 14 5	3 15 0	3 17 1	3 15 0	Massachusetts.
3 19 2	2 15 3	3 10 10	3 13 9	3 12 11	3 15 0	3 14 0	Rhode Island.
3 17 1	2 19 4	3 12 5	3 11 8	3 11 7	3 12 3	3 12 11	Connecticut.
3 14 2	2 15 0	3 4 0	3 8 10	3 7 11	3 9 5	3 8 9	New York.
3 9 11	2 8 1	2 19 2	2 18 9	3 5 7	3 6 8	3 9 10	New Jersey.
3 7 1	2 7 9	2 19 3	2 18 10	3 0 5	3 0 10	3 2 6	Pennsylvania.
2 8 8	1 19 7	2 12 1	2 12 8	2 11 1	2 6 6	2 10 0	Delaware.
2 7 7	1 17 4	2 1 3	2 7 11	2 4 4	2 6 11	2 7 3	Maryland.
1 18 5	1 11 11	1 18 3	1 18 11	1 18 7	1 19 6	2 0 4	Virginia.
1 16 9	1 11 11	1 16 8	1 17 2	1 17 6	1 16 8	1 16 7	North Carolina.
1 14 2	1 7 9	1 13 9	1 14 5	1 13 4	1 15 11	1 15 0	South Carolina.
1 16 8	1 10 9	1 16 3	1 16 5	1 16 9	1 14 11	1 17 6	Georgia.
2 4 10	1 16 5	2 2 6	2 7 5	2 7 3	2 12 6	2 11 2	Florida.
1 19 2	1 14 7	1 17 11	1 17 11	1 19 7	2 1 1	1 18 3	Alabama.
2 6 11	1 18 8	2 2 1	2 1 8	2 2 1	2 4 9	2 3 7	Mississippi.
2 10 10	2 7 0	2 12 11	2 6 11	2 6 4	2 9 2	2 9 4	Louisiana.
2 15 9	2 7 11	2 18 6	2 17 2	2 12 6	2 15 5	2 14 2	Texas.
2 14 3	2 7 2	2 11 1	2 11 1	2 12 1	2 12 4	2 7 11	Arkansas.
2 1 8	1 16 3	1 19 7	2 0 7	2 1 8	2 2 2	2 2 6	Tennessee.
2 14 7	2 5 7	2 11 11	2 11 8	2 11 1	2 14 0	2 13 2	West Virginia.
3 10 0	2 1 8	2 9 0	2 8 9	2 7 3	2 8 9	2 11 8	Kentucky.
3 8 1	2 15 7	3 7 11	3 4 7	3 2 6	3 2 11	3 5 0	Ohio.
3 16 11	3 1 0	3 12 0	3 7 3	3 10 10	3 9 10	3 6 8	Michigan.
3 7 3	2 13 2	3 5 3	3 3 9	3 3 9	3 1 7	3 2 6	Indiana.
3 10 4	2 14 3	3 11 5	3 9 2	3 6 8	3 8 2	3 8 9	Illinois.
3 8 7	2 17 7	3 14 7	3 9 11	3 10 0	3 9 10	3 10 10	Wisconsin.
3 8 2	3 5 1	3 14 0	3 9 10	3 13 8	3 9 2	3 13 4	Minnesota.
3 7 2	2 17 11	3 14 10	3 10 10	3 12 3	3 10 10	3 14 0	Iowa.
2 14 10	2 9 4	2 18 2	3 0 5	2 19 2	2 18 4	2 19 2	Missouri.
3 1 1	2 15 4	3 6 2	3 6 8	3 6 11	3 2 9	3 7 6	Kansas.
3 1 6	3 1 11	3 7 6	3 8 9	3 11 7	3 9 2	3 10 0	Nebraska.
4 5 5	3 9 1	..	3 13 4	3 15 11	3 11 3	3 16 1	South Dakota.
..	..	..	..	..	..	4 7 6	North Dakota.
..	..	..	..	5 14 7	4 19 2	4 17 11	Montana.
..	..	..	..	5 4 2	4 15 10	4 15 10	Wyoming.
4 8 1	4 3 4	5 12 10	4 8 7	4 15 10	4 7 6	4 11 8	Colorado.
2 19 5	2 17 6	..	3 12 11	3 16 1	3 14 4	3 14 5	New Mexico.
..	..	..	..	3 6 8	4 9 7	4 11 8	Arizona.
5 5 7	4 5 5	..	4 7 6	4 12 11	4 7 6	4 12 11	Utah.
..	..	..	..	5 12 6	4 15 10	5 0 0	Nevada.
..	..	..	..	5 9 5	4 17 11	4 17 11	Idaho.
..	..	..	5 9 5	5 4 2	5 1 8	5 4 2	Washington.
5 7 0	4 19 5	5 3 3	4 8 7	4 15 10	4 11 8	4 15 10	Oregon.
5 19 2	5 9 6	4 17 9	5 4 2	5 7 0	4 13 4	5 2 1	California.
3 13 0	3 3 0	3 11 9	3 11 5	3 11 6	3 11 11	3 13 3	General Average.

blanks are shown in the table, the details are wanting in the source.

AGRICULTURAL

TABLE 48.—Part I, AVERAGE WAGES per MONTH by the YEAR or SEASON;  
Part III, AVERAGE DAY WAGES for ORDINARY TRANSIENT SERVICE of  
UNITED STATES—continued.

PART II.—DAY WAGES FOR						
State or Territory.	Average Wages without Board.					
	1879.	1882.	1885.	1888.	1890.	1892.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Maine .. .. .	5 11	6 4	6 7	6 10½	7 1	7 2
New Hampshire .. .. .	5 2½	7 1½	6 10½	6 11½	7 2	7 0
Vermont .. .. .	5 4½	7 3½	7 0	6 10½	7 0	7 1
Massachusetts .. .. .	6 3	7 3½	7 1	7 6	7 6	7 3½
Rhode Island .. .. .	5 5	6 8	6 8	7 3½	7 3½	7 2
Connecticut .. .. .	6 8	6 10½	6 10½	7 1	7 1	7 3½
New York .. .. .	6 4½	7 10½	8 4	7 6	7 6	7 6
New Jersey .. .. .	6 5½	8 8½	8 6	7 10	7 8½	7 7
Pennsylvania .. .. .	5 6½	7 2½	6 10½	6 3½	6 5½	6 6½
Delaware .. .. .	5 8½	6 8	7 10	5 10	6 0	4 9½
Maryland .. .. .	5 11½	6 4	7 3	6 1	5 6	5 7
Virginia .. .. .	4 10	5 3½	5 6½	5 5	5 3	5 4
North Carolina .. .. .	4 1½	5 0	4 9½	4 0	4 2	4 4
South Carolina .. .. .	3 8½	4 6	3 7½	3 11½	3 10½	3 11
Georgia .. .. .	4 1	4 7	4 4	4 1½	4 3	4 0
Florida .. .. .	4 3	4 8	3 9	4 4	4 4	4 5
Alabama .. .. .	4 0	4 4½	4 1½	4 0½	4 3	4 1
Mississippi .. .. .	4 2	5 1½	4 2	4 0½	4 2	4 2
Louisiana .. .. .	4 3½	4 7	3 11½	3 10	4 3½	4 3½
Texas .. .. .	5 5	5 9½	5 6	5 1½	5 0	4 7
Arkansas .. .. .	5 9	5 7	5 5	5 5	5 2½	4 4½
Tennessee .. .. .	5 4	6 5	5 4	5 0	4 9½	4 11
West Virginia .. .. .	5 3	5 5	5 5½	5 0	5 2½	5 2½
Kentucky .. .. .	6 2½	6 5	6 3½	5 7½	6 1½	6 3
Ohio .. .. .	6 3½	7 5½	7 3½	6 6	6 3	6 5½
Michigan .. .. .	8 5	8 10½	7 11	7 6	7 5½	7 6
Indiana .. .. .	7 0	7 10½	7 8½	6 10	6 5½	6 7
Illinois .. .. .	6 4	7 11½	7 6	6 8	6 7	6 9
Wisconsin .. .. .	8 9½	10 5	7 10½	7 6	6 10	7 3½
Minnesota .. .. .	10 11½	10 10½	9 6½	9 2	8 1½	8 11½
Iowa .. .. .	6 11	9 4½	8 4	7 6½	7 1½	7 3½
Missouri .. .. .	6 1½	6 7½	6 9	5 11½	5 7½	5 10
Kansas .. .. .	7 1	7 1	7 9½	6 8	6 0	6 0
Nebraska .. .. .	9 0½	8 1½	8 3	7 6	6 10½	6 8
South Dakota .. .. .	..	11 0½	5 9	8 10	8 4	8 9
North Dakota .. .. .	..	..	..	..	..	9 4½
Montana .. .. .	..	..	..	9 2	8 4	8 9
Wyoming .. .. .	..	..	..	8 4	7 3½	8 4
Colorado .. .. .	8 8	9 2½	8 6½	7 9½	6 10½	7 6
New Mexico .. .. .	4 2	6 10½	5 5½	5 5½	5 2½	5 7½
Arizona .. .. .	..	..	..	7 1	7 5½	7 3½
Utah .. .. .	7 7	8 4	7 3½	7 2	7 1	7 6
Nevada .. .. .	..	..	..	7 6	8 4	8 3½
Idaho .. .. .	..	..	..	8 4	8 4	8 4
Washington .. .. .	8 11½	..	8 6½	8 9	8 9	9 2
Oregon .. .. .	8 5	8 0	8 1½	8 1	7 11	8 4
California .. .. .	9 5½	9 7	9 2	9 4½	8 7	9 4½
General Average.. ..	5 5	6 2	5 10	5 5½	5 5	5 5



## LABOUR—continued.

Part II., AVERAGE DAY WAGES for TRANSIENT SERVICE in HARVEST; and AGRICULTURAL LABOURERS in the different STATES and TERRITORIES of the

## TRANSIENT SERVICE IN HARVEST.

Average Wages with Board.								State or Territory.
1875.	1879.	1882.	1885.	1888.	1890.	1892.		
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.		
4 2½	4 6½	5 1	4 11½	5 5	5 7½	5 6	Maine.	
6 10	4 0	5 7½	5 6	5 8½	5 9	5 4½	New Hampshire.	
7 8½	4 0½	5 7½	5 5	5 7½	5 8½	5 6½	Vermont.	
6 3	4 2	5 7½	5 5½	5 9	5 9	5 5	Massachusetts.	
6 3	3 11½	5 5	5 2½	5 7½	5 7½	5 4	Rhode Island.	
6 4½	5 2½	5 6½	5 6½	5 10	5 9	5 9	Connecticut.	
7 3½	4 11	6 1½	6 5	5 8½	5 9	5 10	New York.	
8 5½	5 5	7 3	6 10½	6 3	6 1	5 11	New Jersey.	
6 3½	4 1½	5 5	5 0	4 8½	4 11	5 0	Pennsylvania.	
5 10½	4 2	5 2½	6 4	4 7	3 11½	3 9½	Delaware.	
5 7	4 8	4 9½	5 9	4 9½	4 2	4 4	Maryland.	
5 0½	4 0	4 1½	4 5	4 7	4 2	4 3	Virginia.	
4 2	3 2	3 6½	3 5	3 1½	3 4	3 5	North Carolina.	
4 2½	2 10	3 3	2 4	3 0	3 3	3 1½	South Carolina.	
4 1½	2 6½	3 4	3 4	3 2½	3 ½	3 3	Georgia.	
3 0	3 0½	3 4	2 11	3 3	3 4	3 6½	Florida.	
4 9½	3 2½	3 4	3 2	3 0	3 1½	3 2	Alabama.	
4 2	3 6½	3 11½	3 3½	3 0½	3 1½	2 11	Mississippi.	
4 4½	3 2½	3 6½	3 1½	3 0	3 4½	3 5	Louisiana.	
5 0	3 11	4 6	4 4	4 0	3 10½	3 9	Texas.	
5 2½	4 6	4 3	4 3½	4 0½	3 10½	3 6	Arkansas.	
5 0	4 1	4 2	4 4	3 10½	3 8½	3 10½	Tennessee.	
5 0	3 11½	4 2	4 3½	3 10	4 2	4 2	West Virginia.	
6 1	4 9½	4 11	4 10½	4 3½	4 9½	4 7	Kentucky.	
6 8	4 10½	5 10½	5 10	5 1½	5 0	5 2	Ohio.	
3 4	6 5½	7 4	6 6½	5 10	5 9½	5 10	Michigan.	
7 3½	5 4	6 5½	6 5½	5 6	5 2½	5 4	Indiana.	
7 7½	4 11	6 5	5 10	5 2½	5 3½	5 5	Illinois.	
8 0	7 1	8 9	6 8½	6 0	5 5	5 9	Wisconsin.	
9 7	9 4½	9 0	7 10½	7 3½	6 3½	7 1	Minnesota.	
8 9	6 6½	7 6½	6 8½	6 1	6 3	5 10	Iowa.	
5 11½	4 10½	5 1½	5 5	4 8½	4 7	4 4½	Missouri.	
6 1	5 6	5 7½	6 2	5 3½	4 8½	5 4	Kansas.	
8 3	6 11	6 6½	6 5½	5 11	5 3½	5 3½	Nebraska.	
7 11	..	9 1½	4 2	6 10	6 4	6 8	South Dakota.	
..	..	..	..	..	..	7 1	North Dakota.	
..	..	..	..	6 3	6 3	6 10½	Montana.	
6 3	6 3½	7 8	6 3	5 5	5 5	6 5½	Wyoming.	
3 9	2 9½	5 10	3 8	5 7½	5 0½	5 8½	Colorado.	
7 3½	5 11½	6 8	5 8	4 2	3 11½	4 4½	New Mexico.	
..	..	..	..	5 0	5 2½	5 2½	Arizona.	
..	..	..	..	5 5	5 3½	5 11½	Utah.	
..	..	..	..	5 8½	7 1	6 9½	Nevada.	
8 4	6 8½	..	6 3	6 4	6 3	6 5½	Idaho.	
7 2	6 5	6 3	6 3	6 8	6 11½	6 11½	Washington.	
8 4	7 4	7 9	7 6	6 3	6 0½	6 5½	Oregon.	
..	..	..	..	7 8½	7 3½	7 1	California.	
5 7½	4 2	4 9½	4 7	4 3	4 3	4 3	General Average.	

AGRICULTURAL

TABLE 48.—Part I., AVERAGE WAGES per MONTH by the YEAR or SEASON ;  
Part III., AVERAGE DAY WAGES for ORDINARY TRANSIENT SERVICE, of  
UNITED STATES—continued.

PART III.—DAY WAGES FOR						
State or Territory.	Average Wages without Board.					
	1879.	1882.	1885.	1888.	1890.	1892.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
Maine .. .. .	4 0½	4 11	4 11½	5 2½	5 5	5 4
New Hampshire .. .. .	4 1	5 5	5 5	5 3½	5 7½	5 4
Vermont .. .. .	3 9½	5 0	4 9½	4 10	4 11½	5 1½
Massachusetts .. .. .	4 4½	6 0½	6 3	5 11	6 0½	6 11
Rhode Island .. .. .	4 2	5 4	5 2½	5 11	6 0½	5 11
Connecticut .. .. .	6 3	5 5	5 6	5 6½	5 8½	5 9
New York .. .. .	3 10	5 4½	5 3	5 0½	5 1½	5 1
New Jersey .. .. .	4 1½	5 0½	4 10½	5 0	5 2½	5 2
Pennsylvania .. .. .	4 0	5 0	4 7	4 7	4 6½	4 7
Delaware .. .. .	3 1½	4 7	4 2	3 11½	3 6½	3 4
Maryland .. .. .	3 1½	3 5½	3 10½	3 9	3 7½	3 6½
Virginia .. .. .	2 7½	2 11	2 11½	3 0½	3 1½	3 0
North Carolina .. .. .	2 5½	2 10	2 9½	2 6½	2 7	2 7½
South Carolina .. .. .	2 2½	2 8½	2 6	2 8½	2 7½	2 7
Georgia .. .. .	2 5	2 11	2 9	3 1½	3 0½	3 0
Florida .. .. .	3 2	3 1½	3 6½	3 11½	3 10	4 0
Alabama .. .. .	2 10½	3 0	3 0½	3 0	3 1	3 0
Mississippi .. .. .	3 3	3 1½	3 4	3 1½	3 3½	3 4
Louisiana .. .. .	3 6½	3 4	3 5	3 6½	3 8	3 7½
Texas .. .. .	3 10	3 10½	4 1	3 11½	4 0½	4 1
Arkansas .. .. .	3 7	3 8	3 8½	3 10½	3 10½	3 7½
Tennessee .. .. .	2 10½	3 0	2 11½	3 1	2 11½	2 11½
West Virginia .. .. .	3 4	3 5	3 5½	3 6½	3 9	3 9
Kentucky .. .. .	3 2½	3 7½	3 6	3 5	3 8	3 6½
Ohio .. .. .	4 2	4 11½	4 7½	4 5½	4 4½	4 7
Michigan .. .. .	4 10	5 5	5 4	5 0	4 11½	5 0
Indiana .. .. .	3 5	4 6	4 6	4 7	4 4½	4 5
Illinois .. .. .	4 2½	4 11½	4 9	4 8	4 8½	4 9
Wisconsin .. .. .	4 8	5 6½	5 0	5 1	5 3	5 5
Minnesota .. .. .	5 3½	5 8½	5 2½	5 6	5 4	5 10
Iowa .. .. .	4 8	5 7	5 5½	5 3½	5 1½	5 2½
Missouri .. .. .	2 9½	4 2	3 11½	3 11	3 9½	3 10½
Kansas .. .. .	4 4½	4 8	5 0	4 10½	4 7	4 9½
Nebraska .. .. .	5 4½	5 0½	5 7½	5 8½	5 4	5 3
South Dakota .. .. .	5 7	6 3	5 5½	5 7½	5 10	6 0½
North Dakota .. .. .						6 8
Montana .. .. .				7 1	6 10½	6 10½
Wyoming .. .. .				6 3	6 0½	6 5½
Colorado .. .. .	7 7½	6 9½	6 5½	6 8	5 11½	6 3
New Mexico .. .. .	3 4½	5 4	5 2½	5 7½	5 7½	5 2½
Arizona .. .. .				5 2½	6 7	6 3
Utah .. .. .	6 1	6 6½	6 4	5 11	5 9	5 10
Nevada .. .. .				6 10½	6 9½	6 8
Idaho .. .. .				6 3	6 9½	6 8
Washington .. .. .			7 1	6 0½	6 8	7 1
Oregon .. .. .	6 0	5 6½	5 5	5 7½	5 9	6 5½
California .. .. .	6 10½	7 1½	6 6½	6 8	6 5½	6 8
General Average.. ..	3 4½	3 10½	3 9½	3 10	3 10	3 10

LABOUR—continued.

Part II, AVERAGE DAY WAGES for TRANSIENT SERVICE in HARVEST; and AGRICULTURAL LABOURERS in the different STATES and TERRITORIES of the

ORDINARY TRANSIENT SERVICE.							State or Territory.
Average Wages with Board.							
1875.	1879.	1882.	1885.	1888.	1890.	1892.	
s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	
4 4½	3 0	3 9½	3 8	3 10	4 1	4 0	Maine.
4 8	3 1	4 0½	3 11½	3 11½	4 2	4 0	New Hampshire.
4 7½	3 8	3 9	3 8	3 9	3 10	3 11	Vermont.
4 8	3 1½	4 6	4 2	4 2	4 2	4 1	Massachusetts.
4 11	2 1	4 2	3 11	4 3	4 3	4 1	Rhode Island.
4 10	3 8	4 1	4 2	4 2	4 3	4 0½	Connecticut.
4 5	2 10	3 10½	3 10½	3 9	3 9	3 9	New York.
4 2	2 10	3 7	3 5½	3 7½	3 10	3 10	New Jersey.
3 11½	2 7½	3 6½	3 4	3 5	3 4½	3 4½	Pennsylvania.
2 11	2 1	3 4	3 3	2 11	3 7½	2 6	Delaware.
2 11½	2 0	2 3½	2 7	2 8	2 6½	2 6½	Maryland.
2 1½	1 10	2 0	2 0½	2 1½	2 2	2 1	Virginia.
2 1½	1 8½	1 11	1 11½	1 10½	1 11	1 10½	North Carolina.
2 2½	1 8½	1 10½	1 10½	1 9½	1 10½	1 10½	South Carolina.
2 6	1 10	2 0½	1 11½	2 1	2 1	2 2	Georgia.
2 11	2 2½	2 3½	2 6	2 11	2 10	3 0	Florida.
2 2½	2 1	2 1½	2 2	2 2½	2 3½	2 2	Alabama.
3 4	2 3½	2 5½	2 6	2 3½	2 6	2 4	Mississippi.
3 1	2 7	2 6	2 8	2 8	2 9	3 8½	Louisiana.
3 6	2 9	2 11	3 2	2 11½	3 0½	3 0	Texas.
3 4	2 6	2 7	2 8	2 8½	2 8½	2 6	Arkansas.
2 6	2 1	2 1	2 2	2 2½	2 2½	2 2½	Tennessee.
3 1½	2 3½	2 5½	2 6	2 7	2 10	2 7½	West Virginia.
3 0	2 2½	2 6	2 6½	2 6	2 9½	2 7	Kentucky.
4 2	3 5½	3 8½	3 6½	3 5	3 5½	3 6½	Ohio.
4 7	3 5	4 0	3 10	3 9	3 8	3 8	Michigan.
3 11½	2 10½	3 3	3 4	3 5	3 3	3 2	Indiana.
4 2½	3 0½	3 9	3 7½	3 6	3 7	3 8	Illinois.
4 2	3 3½	4 1½	3 11½	4 0½	3 7½	3 8	Wisconsin.
4 5½	3 11	4 3	4 1½	4 2	4 1	4 2	Minnesota.
4 2½	3 4	4 1½	4 0½	4 0½	3 11½	4 1	Iowa.
3 0½	2 5½	2 11	2 10	3 4	3 1½	3 2	Missouri.
3 9	3 0	3 4	3 7½	3 6½	3 3	3 5½	Kansas.
4 2	3 9	3 9½	4 0½	4 2	3 11	4 0	Nebraska.
4 6	3 10	4 7½	4 6	4 7	4 4	4 5	South Dakota.
..	..	..	..	..	..	5 0	North Dakota.
..	..	..	..	5 2½	6 0½	5 7½	Montana.
..	..	..	..	4 7	4 8	5 2½	Wyoming.
4 10	4 11½	4 9	4 7	4 8	4 4½	4 7	Colorado.
2 1	2 4	4 2	3 4½	4 2	4 2	3 7½	New Mexico.
5 10	4 8	4 7	4 9	3 9	5 0	4 9½	Arizona.
..	..	..	..	1 7	4 4½	4 6	Utah.
..	..	..	..	5 0	4 11	4 10½	Nevada.
..	..	..	..	4 9½	6 0½	4 11	Idaho.
..	..	..	4 10½	4 9½	5 3½	5 9	Washington.
4 9½	4 6	4 2	3 11½	4 1	4 3½	4 4½	Oregon.
5 5	5 1½	5 4½	4 9½	4 11	4 9½	4 10½	California.
3 3	3 5½	2 9½	2 9½	2 9½	2 10	3 9½	General Average.

RAILWAY SERVANTS, 1888-89.(a)

TABLE 49.—LIMITS and AVERAGE AMOUNT of the HOURLY EARNINGS of certain CLASSES of WORKPEOPLE employed on RAILWAYS in the UNITED STATES, in the Years 1888-89.

Occupation.	Number of Railway Servants (b) whose Earnings per Hour were within the under-mentioned Limits.					Total Number of Railway Servants. (b)	Average Earnings per Hour Worked.
	10 cents (5d.) and under.	Over 10 cents and up to 16 cents (5d. - 8d.).	Over 16 cents and up to 18 cents (8d. - 9d.).	Over 18 cents and up to 20 cents (9d. - 10d.).	Over 20 cents (10d.).		
Foremen .. ..	6	3,729	634	549	2,167	7,085	s. d. 0 9½
Baggagemasters ..	106	407	198	228	166	1,104	0 8½
Baggagemen .. ..	87	526	185	101	80	989	0 7½
Engineers .. ..	4	45	60	74	2,791	2,974	1 4½
Enginemen .. ..	1	28	9	10	952	998	1 4
Firemen .. ..	75	1,805	2,072	932	1,033	5,717	0 9
Conductors .. ..	7	32	80	434	4,631	5,184	1 1½
Brakemen .. ..	139	4,065	8,392	6,651	870	20,117	0 9
Machinists .. ..	24	268	568	665	2,956	4,506	0 11
Carpenters .. ..	5	1,125	1,647	2,579	2,921	8,277	0 10
Blacksmiths .. ..	1	142	178	268	326	1,435	0 11
Painters .. ..	6	358	306	402	531	1,583	0 9½
Masons .. ..	..	94	47	64	669	874	1 0½
Switchmen .. ..	109	2,054	399	635	1,065	4,262	0 7½
Flagmen .. ..	785	848	112	214	20	1,969	0 5½
Telegraph operators.	520	2,305	659	316	416	4,216	0 7½
Labourers .. ..	4,910	80,575	3,175	621	148	89,429	0 6½

(a) Compiled from *Fifth Annual Report of the (United States) Commissioner of Labour, 1889*. Employees paid by the mile, trip, piece, contract, or commission are excluded.

(b) If a servant worked in the course of one year on, say, four different railroads, he would be counted as four servants, and so on.

## RAILWAY SERVANTS, 1892-99.(a)

TABLE 50.—AVERAGE EARNINGS per DAY WORKED of RAILWAY SERVANTS  
(other than General and other Officers) in the UNITED STATES.

Occupation.	Average Earnings per Day Worked in Year ended June 30th.							
	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
General office clerks ..	9 2	9 3½	9 9	9 1½	9 2½	9 1	9 4½	9 2
Station agents .. ..	7 6½	7 7½	7 3½	7 3	7 2½	7 2½	7 2½	7 3
Other station men ..	7 0	6 10½	6 9½	6 9	6 9	6 9	6 8½	6 8
Enginemen .. ..	15 4	15 3	15 0½	15 2½	15 2½	15 2½	15 6	15 6
Firemen .. ..	8 7½	8 6	8 5½	8 6½	8 7	8 6½	8 8½	8 9
Conductors .. ..	12 9½	12 10	12 8	12 8	12 8½	12 9½	13 0½	13 0½
Other train men .. ..	7 10½	7 11½	7 10½	7 11	7 11	7 11	8 1½	8 1
Machinists .. ..	9 6½	9 8½	9 2½	9 3	9 5	9 3½	9 6	9 6½
Carpenters .. ..	8 8	8 9½	8 5	8 5½	8 5½	8 4½	8 5	8 5½
Other shopmen .. ..	7 1½	7 3½	7 0½	7 1	7 0½	7 1½	7 1	7 2
Section foremen .. ..	7 4	7 3½	7 1½	7 1	7 1	7 1	7 0½	7 0
Other track men .. ..	5 1	5 1	4 11	4 10½	4 10½	4 10	4 10	4 11
Switchmen, flagmen and watchmen.	7 5	7 6	7 3½	7 3½	7 3	7 2	7 3	7 4½
Telegraph operators and dispatchers.	8 0½	8 2½	8 0½	8 3	8 0½	7 11	8 0	8 0½
Employees (account floating equipment).	8 7½	8 2	8 2½	7 11½	8 1	7 9	7 10½	7 10½
All other employees (including labourers).	6 11½	7 1	6 10½	6 10½	6 10½	6 10	6 11½	7 0

(a) Compiled from the Reports of the United States Interstate Commerce Commission, except as to 1899: the figures for that year are taken from the *Bulletin of the Department of Labour*, No. 29, July, 1900, having been supplied to that Department from advance sheets by the statistician of the Commission.

## PRINCIPAL CITIES. (a)

TABLE 51.—AVERAGE DAILY WAGES received by the WORKPEOPLE employed in various OCCUPATIONS in certain PRINCIPAL CITIES of the UNITED STATES.

NEW YORK.				
Occupation.	1886.	1890.	1894.	1898.
<b>BUILDING TRADES.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Bricklayers ... ..	16 9½	16 8	16 8	16 8
Masons, stone ... ..	14 7	16 8	16 8	16 8
Hod carriers ... ..	9 11½	10 1½	10 0	10 0
Carpenters ... ..	14 6½	14 6½	14 7	14 7
Joiners ... ..	13 2½	13 3	12 9½	12 11½
Plumbers ... ..	14 7	14 11½	15 7½	15 7
Painters, house ... ..	14 7	14 7	14 7	14 7
<b>METAL TRADES.</b>				
Pattern makers (iron works) ...	14 2	14 9½	15 3½	14 10½
Boiler-makers ... ..	9 10½	10 3½	11 4½	10 6½
Boiler-makers' helpers ... ..	6 4½	6 0½	5 11½	5 10
Machinists ... ..	10 11½	11 3	11 0½	10 11½
Machinists' helpers ... ..	5 3½	6 3	6 4½	4 7
Blacksmiths ... ..	11 5½	11 9½	12 2½	10 7½
Blacksmiths' helpers ... ..	6 10½	7 8½	7 4½	7 6
<b>TRANSPORT.</b>				
Teamsters .. ..	8 9½	8 10½	8 10½	8 8
<b>PRINTING TRADES.</b>				
Compositors ... ..	12 7½	12 8½	12 10½	13 0½
<b>WOODWORKING TRADES.</b>				
Cabinet makers ... ..	9 6½	9 4½	8 11½	10 2
<b>GENERAL.</b>				
Labourers ... ..	6 10½	7 1½	6 6½	6 9½

(a) Compiled from *Bulletin of the Department of Labour*, No. 18, September, 1898, published by the United States Department of Labour.

PRINCIPAL CITIES—*continued*.TABLE 51.—AVERAGE DAILY WAGES received by the WORKPEOPLE employed in various OCCUPATIONS in certain PRINCIPAL CITIES of the UNITED STATES—*continued*.

CHICAGO.				
Occupation.	1886.	1890.	1894.	1898.
<b>BUILDING TRADES.</b>				
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Bricklayers ... ..	16 8	16 8	16 8	16 8
Masons, stone ... ..	16 8	16 8	16 8	16 8
Stonecutters ... ..	14 7	16 8	16 8	18 9
Hod carriers ... ..	7 3½	7 3½	7 3½	8 4
Carpenters ... ..	10 2½	9 7	12 3½	10 2
Plumbers ... ..	15 0	15 7½	15 7½	15 7½
Painters, house ... ..	10 1	9 7½	10 11½	11 8½
<b>METAL TRADES.</b>				
Pattern makers (iron works) ...	12 1½	12 4	12 0	12 3½
Iron moulders ... ..	10 10½	11 5½	10 11½	11 5½
Iron moulders' helpers ... ..	7 2½	7 2½	6 11	7 7½
Boiler-makers ... ..	12 1	12 1	12 1	12 1
Boiler-makers' helpers ... ..	7 3½	6 10½	6 10½	6 11½
Machinists ... ..	11 5½	11 10½	11 5½	11 8½
Machinists' helpers ... ..	6 8½	6 10½	6 7	6 10
Blacksmiths ... ..	12 1½	11 11½	11 4½	11 8½
Blacksmiths' helpers ... ..	7 1	7 1½	6 11½	7 1½
<b>TRANSPORT.</b>				
Teamsters ... ..	8 6	8 6	8 6½	8 4½
<b>PRINTING TRADES.</b>				
Compositors ... ..	12 6	12 6	12 6	12 6
<b>WOODWORKING TRADES.</b>				
Cabinet makers ... ..	10 3½	9 9½	9 8½	9 5½
<b>GENERAL.</b>				
Labourers ... ..	6 3	6 3½	6 3	6 3
6487				G 2

PRINCIPAL CITIES—*continued*.TABLE 51.—AVERAGE DAILY WAGES received by the WORKPEOPLE employed in various OCCUPATIONS in certain PRINCIPAL CITIES of the UNITED STATES—*continued*.

PHILADELPHIA.				
Occupation.	1886.	1890.	1894.	1898.
<b>BUILDING TRADES.</b>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Bricklayers ... ..	14 3½	15 9	16 4½	11 6½
Masons, stone ... ..	8 6½	10 9½	10 0	11 5½
Stonecutters ... ..	12 7½	13 8	14 8½	13 1½
Hod carriers ... ..	9 8½	10 5	10 5	8 4
Carpenters ... ..	11 5	11 5½	11 7½	11 4½
Joiners ... ..	11 0	10 0½	10 9½	10 0
Labourers, street ... ..	6 4	6 4½	7 3½	7 3½
Plumbers ... ..	11 5½	12 6	12 6	11 3½
Painters, house ... ..	11 4½	11 5½	11 4½	11 3
<b>METAL TRADES.</b>				
Pattern makers (iron works) ...	10 3	11 1½	10 4½	11 2½
Iron moulders ... ..	10 9½	9 10½	9 6½	9 8
Iron moulders' helpers ... ..	5 1½	5 1½	5 3	5 4½
Boiler-makers ... ..	9 9½	9 7½	9 4½	9 5½
Boiler-makers' helpers ... ..	7 2½	7 3½	7 3½	7 3
Machinists ... ..	9 5	9 7	9 5½	9 8
Machinists' helpers ... ..	5 7½	5 10½	5 9	5 7½
Blacksmiths ... ..	9 8	9 6½	7 7½	8 6
Blacksmiths' helpers ... ..	5 7½	5 11	4 9½	5 4
<b>TRANSPORT.</b>				
Teamsters ... ..	7 2½	7 1½	7 1	7 1½
<b>PRINTING TRADES.</b>				
Compositors... ..	10 10½	10 5	9 5½	9 8½
<b>WOODWORKING TRADES.</b>				
Cabinet makers ... ..	10 5½	10 2½	10 8	10 2½
<b>GENERAL.</b>				
Labourers .. ...	6 3	6 3	6 3	6 3



PRINCIPAL CITIES—*continued*.TABLE 51.—AVERAGE DAILY WAGES received by the WORKPEOPLE employed in various OCCUPATIONS in certain PRINCIPAL CITIES of the UNITED STATES—*continued*.

ST. LOUIS.				
Occupation.	1886.	1890.	1894.	1898.
<b>BUILDING TRADES.</b>				
Bricklayers ... ..	<i>s. d.</i> 15 0	<i>s. d.</i> 18 4	<i>s. d.</i> 18 4	<i>s. d.</i> 13 4
Masons, stone ... ..	16 8	16 8	16 8	11 8
Stonecutters ... ..	11 11½	14 0½	13 1½	10 8½
Hod carriers ... ..	9 5	11 11	11 10	11 3
Carpenters ... ..	11 8	11 8	13 4	11 8
Labourers, street ... ..	6 3	6 3	6 3	6 3
Plumbers ... ..	14 7	14 7	14 7	14 7
Painters, house ... ..	10 0½	10 1½	10 5	10 5
<b>METAL TRADES.</b>				
Pattern makers (iron works) ...	11 9½	11 2½	11 7½	11 2½
Iron moulders ... ..	10 0	10 0	10 10	10 0
Iron moulders' helpers ... ..	6 3	6 5½	6 3	6 3
Boiler-makers ... ..	11 7	11 5½	11 7	11 5½
Boiler-makers' helpers ... ..	6 1½	5 8½	6 5½	5 11½
Machinists ... ..	9 10½	10 2½	10 5½	10 1
Machinists' helpers ... ..	2 8	2 8½	2 10	2 8½
Blacksmiths ... ..	10 11½	10 11½	10 11½	8 11
Blacksmiths' helpers ... ..	5 10	5 11½	6 9	6 4½
<b>TRANSPORT.</b>				
Teamsters ... ..	7 0½	7 11½	7 10½	7 11
<b>PRINTING TRADES.</b>				
Compositors ... ..	12 0½	12 0½	12 0½	12 2½
<b>WOODWORKING TRADES.</b>				
Cabinet makers ... ..	10 3½	10 10½	10 8½	10 5½
<b>GENERAL.</b>				
Labourers ... ..	6 3	6 3	6 3	6 3

PRINCIPAL CITIES—*continued.*TABLE 51.—AVERAGE DAILY WAGES received by the WORKPEOPLE employed in various OCCUPATIONS in certain PRINCIPAL CITIES of the UNITED STATES—*continued.*

BOSTON.				
Occupation.	1886.	1890.	1894.	1898.
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
BUILDING TRADES.				
Bricklayers ... ..	13 11	15 2½	15 2½	14 2½
Stonecutters ... ..	12 7½	13 10½	11 8½	12 3½
Hod carriers ... ..	8 6½	8 6½	9 1½	8 2½
Carpenters ... ..	10 2½	10 6	10 4	10 7
Labourers, street ... ..	8 5½	8 4½	8 4½	8 4
Plumbers ... ..	13 6	13 3½	13 0½	13 7½
Painters, house ... ..	10 1	10 6	11 5½	11 11
METAL TRADES.				
Pattern makers (iron works) ...	11 6½	12 11	12 4½	11 8
Iron moulders ... ..	9 9½	10 3½	9 8½	10 9
Iron moulders' helpers ... ..	6 7½	7 0½	6 7	6 8½
Boiler-makers ... ..	10 3	10 8½	10 3½	10 4
Boiler-makers' helpers ... ..	6 5½	6 2½	6 1½	6 1½
Machinists ... ..	10 6½	10 8½	10 8½	10 8½
Machinists' helpers ... ..	6 4½	6 4½	6 6½	7 1
Blacksmiths ... ..	12 7½	11 8½	11 5½	11 6
Blacksmiths' helpers ... ..	6 11½	7 9½	7 7½	7 8
TRANSPORT.				
Engineers, railroad .. ..	16 0½	16 0½	16 0½	16 0½
Firemen, " ... ..	8 4	8 4	8 4	8 4
Conductors, " ... ..	16 0½	16 0½	16 0½	16 0½
Teamsters ... ..	8 4	8 7	8 6½	8 8½
PRINTING TRADES.				
Compositors ... ..	11 3½	11 0½	11 0½	10 11½
WOODWORKING TRADES.				
Cabinet makers .. ..	11 0½	10 8	10 5½	10 11½
GENERAL.				
Labourers ... ..	6 3	6 1½	5 11½	5 8½

PRINCIPAL CITIES—*continued.*TABLE 51.—AVERAGE DAILY WAGES received by the WORKPEOPLE employed in various OCCUPATIONS in certain PRINCIPAL CITIES of the UNITED STATES—*continued.*

BALTIMORE.				
Occupation.	1886.	1890.	1894.	1898.
<b>BUILDING TRADES.</b>				
Bricklayers ... ..	s. d. 16 1½	s. d. 15 7½	s. d. 15 5½	s. d. 12 6
Masons, stone ... ..	16 1½	16 7½	17 1½	13 0½
Stonecutters ... ..	13 6½	15 0	14 4	14 4
Hod carriers ... ..	8 10½	9 10½	9 2	7 10½
Carpenters ... ..	10 0	10 1½	10 1½	10 1
Labourers, street ... ..	5 5	5 5	5 5	6 11½
Plumbers ... ..	11 4½	11 7½	11 8½	11 7½
Painters, house ... ..	10 5	10 5	10 5	10 5
<b>METAL TRADES.</b>				
Pattern makers (iron works) ...	10 10½	10 10½	10 10½	10 10½
Iron moulders ... ..	9 3½	9 3½	8 11½	9 1
Iron moulders' helpers ... ..	5 8	5 8	5 8	5 8
Boiler-makers ... ..	10 1½	10 1½	10 1½	10 1½
Boiler-makers' helpers ... ..	5 4	5 8½	5 8½	5 8½
Machinists ... ..	9 7½	9 7½	9 5½	9 2½
Machinists' helpers ... ..	5 8½	5 8½	5 8½	5 8½
Blacksmiths ... ..	9 5½	8 10½	8 2½	8 4
Blacksmiths' helpers ... ..	5 11	6 0	5 2½	5 8
<b>TRANSPORT.</b>				
Teamsters ... ..	6 5½	5½	6 5½	6 5½
<b>PRINTING TRADES.</b>				
Compositors ... ..	11 3	11 3	11 3	11 3
<b>WOODWORKING TRADES.</b>				
Cabinet makers ... ..	9 6	9 5	9 5½	9 3½
<b>GENERAL.</b>				
Labourers ... ..	5 2½	5 2½	5 2½	5 2½

STATE OF NEW YORK.(a)

TABLE 52.—AVERAGE RATES of WAGES per DAY of WORKPEOPLE (*Adult Males*) employed in various OCCUPATIONS in certain PRINCIPAL CITIES in the STATE of NEW YORK.

Occupation.	Average Rates of Wages per Day in							
	New York.		Brooklyn.		Buffalo.		Rochester.	
	1891.	1895.	1891.	1895.	1891.	1895.	1891.	1895.
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
BUILDING TRADES.								
Bricklayers .. ..	16 5½	16 5½	..	..	..	..	..	..
Masons .. ..	16 7½	16 7	..	..	..	..	13 5	14 9½
Carpenters .. ..	12 11	12 10½	12 4½	11 10	8 10½	7 0½	7 11	8 2
Painters .. ..	9 6	9 1	..	8 0½	7 10½	10 2	7 9½	7 11
Varnishers .. ..	8 7	8 7	7 8½	6 11½	..	..	..	..
METAL TRADES.								
Pattern makers .. ..	13 3	12 6	12 1	11 9½	9 10	9 6	9 9½	10 0
Moulders (iron) .. ..	11 6	11 8	12 1	11 7	9 9	9 9	11 2	10 11
.. (brass) .. ..	9 10½	10 0½	10 8½	10 10	..	..	..	..
Boiler-makers .. ..	..	10 6	..	..	8 6½	8 0½	..	..
Blacksmiths .. ..	11 5	11 3½	10 8½	10 9½	8 7½	8 6	8 3½	8 1½
Millwrights .. ..	..	..	..	9 5½	9 3	9 6½	..	..
Machinists .. ..	10 1	9 11	10 2	9 8	8 7	8 9½	8 4	8 0½
Tinsmiths .. ..	11 2	9 9½	7 0½	7 9	7 10	7 5½	..	..
CLOTHING TRADES.								
Shoemakers.. ..	..	..	..	7 2½	..	..	..	4 10
Cutters (shoe) .. ..	10 10½	10 10½	9 0	10 4	..	..	7 8	7 10½
Fitters (shoe) .. ..	6 4	5 6	..	4 4	..	..	..	..
Fitters (shoes-stock) .. ..	..	7 8½	..	..	..	..	..	..
Lasters .. ..	7 7	7 0½	8 8	8 0½	..	..	..	8 0
Finishers (shoe) .. ..	8 9½	8 6½	..	7 11	..	..	..	..
Cutters (fur) .. ..	13 6½	15 6½	..	..	..	..	..	..
Nailers (fur) .. ..	7 7	8 1	..	..	..	..	..	..
Finishers (fur) .. ..	4 9½	5 2	..	..	..	..	..	..

(a) Compiled from *Fourteenth Annual Report of the Bureau of Labour Statistics of the State of New York, for the Year 1896*. The years mentioned in the table are years ended June 30th.

## STATE OF NEW YORK—continued.

TABLE 52.—AVERAGE RATES of WAGES per DAY of WORKPEOPLE (*Adult Males*) employed in various OCCUPATIONS in certain PRINCIPAL CITIES in the STATE of NEW YORK—continued.

Occupation.	Average Rates of Wages per Day in							
	New York.		Brooklyn.		Buffalo.		Rochester.	
	1891	1895	1891	1895	1891	1895	1891	1895
	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.	s. d.
<b>PRINTING, PAPER AND ALLIED TRADES.</b>								
Printers (compositors) ..	9 6	10 2	..	..	12 4	11 7	..	..
Pressmen (printing) ..	13 10½	12 4½	..	..	7 8	8 0½	..	..
Printers (wallpapers) ..	..	13 7	..	..	..	..	..	..
Feeders (press) ..	6 11½	6 11½	..	..	..	..	..	..
Engravers ..	16 4½	15 7½	..	11 10	..	..	..	..
<b>WOODWORKING TRADES.</b>								
Cabinet makers ..	10 11	11 2	9 9½	10 10½	..	..	7 1	6 7½
Coopers ..	10 0½	11 5	8 5½	8 9½	7 4½	7 7	..	..
Sawyers (wood) ..	8 11½	9 2½	8 6½	9 0	..	..	..	..
Woodworkers (machine)	8 11	9 5½	7 2½	7 0½	7 8	7 1	8 4	7 11½
Carvers (wood) ..	13 4½	12 3	..	..	..	..	..	..
<b>FOOD AND TOBACCO TRADES.</b>								
Cellarmen (brewery) ..	..	12 1½	..	..	9 8½	10 4	..	..
Strippers (tobacco) ..	4 0½	3 10	..	..	..	..	..	..
Cigarmakers ..	7 9½	7 2	..	..	..	..	..	..
Cigarmakers (bunch-makers)	5 9	5 5	..	..	..	..	..	..
Cigar packers ..	11 6	11 11½	..	..	..	..	..	..
<b>GENERAL.</b>								
Labourers ..	7 5½	7 10½	6 5	6 8	5 10½	5 5	6 0	6 6
Engineers (stationary) ..	12 0½	12 6½	11 7½	11 10½	10 3	10 5	9 5	9 8½
Firemen (stationary) ..	9 5½	8 8½	9 7½	9 4	7 5½	7 6	9 11	8 3½
Packers ..	6 0	6 11½	6 4	5 2½	3 2	3 2½	2 8½	3 5½
Drivers ..	10	9 7½	8 5	8 3	7 10	7 7½	..	6 11½
Watchmen ..	7 0	7 9½	8 1	8 1	6 6½	6 11	6 9	7 6½

MASSA-

TABLE 53.—AVERAGE YEARLY EARNINGS of WORKPEOPLE employed in certain

Trade.	Average Yearly Earnings					
	1889.	1890.	1891.	1892.	1893.	
<b>BUILDING TRADES.</b>						
Stone:—						
Quarried .. .. .	114 13 10	112 3 9	116 15 0	114 17 6	113 6 9	1
Cut and monumental .. ..						2
Railroad construction and equip- ment.	121 13 3	129 4 10	123 0 7	125 1 7	128 9 6	3
<b>METAL, ENGINEERING AND SHIPBUILDING TRADES.</b>						
Models, lasts and patterns .. ..	..	..	..	147 11 3	142 12 3	4
Machines and machinery .. ..	113 10 3	114 6 9	116 4 3	117 2 6	113 10 7	5
Shipbuilding .. .. .	131 0 2	129 11 3	141 9 1	146 10 4	131 12 1	6
Metals and metallic goods .. ..	104 13 0	104 10 10	107 8 2	107 14 10	105 13 9	7
Artisans' tools .. .. .	122 19 10	114 2 0	115 8 6	111 12 1	110 0 7	8
Agricultural implements .. ..	103 16 6	103 5 0	108 1 2	111 7 5	106 12 1	9
Arms and ammunition .. .. .	125 9 9	123 16 7	126 16 10	124 16 0	118 18 8	10
Cooking, lighting and heating apparatus.	117 19 4	127 15 4	130 2 10	129 17 0	133 5 4	11
Bicycles, tricycles, &c. .. ..	..	..	..	..	..	12
Electroplating .. .. .	..	..	..	..	..	13
Electrical apparatus and ap- pliances.	107 4 10	115 15 5	125 19 5	119 8 7	91 13 11	14
Scientific instruments and appli- ances.	95 7 0	88 14 9	91 14 7	93 6 5	86 14 2	15
Musical instruments and materials	139 6 1	136 19 3	138 18 8	137 8 3	135 13 1	16
Clocks and watches .. .. .	139 1 0	116 8 6	118 18 9	118 13 3	110 0 5	17
Jewellery .. .. .						18
<b>TEXTILE TRADES.</b>						
Cotton goods:—						
Cotton goods (woven) .. ..	68 8 8	69 16 9	71 14 2	72 1 8	71 10 5	19
„ yarn and thread .. .. .						20
„ waste.. .. .						21
Woollen goods:—						
Woven goods and yarn .. ..	76 17 7	75 7 5	79 0 2	81 3 1	77 3 0	22
Shoddy, waste, &c. .. ..						23
Cotton, woollen and other textiles	81 11 5	77 11 0	81 7 2	78 12 1	76 5 11	24
Worsted goods .. .. .	76 2 1	77 4 7	77 14 10	76 18 7	73 16 2	25
Flax, hemp and jute goods .. ..	65 13 8	65 9 6	67 0 6	65 14 3	66 4 9	26
Silk and silk goods .. .. .	69 11 10	70 6 6	72 18 2	71 0 7	67 19 7	27
Mixed textiles .. .. .	81 4 3	78 15 0	81 6 8	76 9 9	77 7 8	28

(a) Compiled from *Annual Statistics of Manufactures*, published by the Massachusetts divided by the average number of persons employed during the year. Where a space being less than 100, or that the group does not occur in the statistics for the year in

CHUSETTS. (a)

TRADES and in ALL TRADES TOGETHER in the STATE of MASSACHUSETTS.

of Workpeople in					Aggregate Average Number of Persons Employed in 1898.			
	1894.	1895.	1896.	1897.	1898.	Male.	Female.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.			
1	107 10 5	107 2 3	106 5 11	83 13 0	80 15 2	2,443	..	2,443
2				122 11 4	123 6 11	1,906	..	1,906
3				119 11 9	119 11 4	2,496	..	2,496
4	156 11 7	148 8 0	151 3 3	147 3 4	144 3 10	490	1	500
5	109 9 9	111 12 7	111 18 8	108 8 10	112 8 5	18,371	287	18,658
6	122 17 9	129 5 1	135 3 1	129 19 4	130 7 7	735	..	735
7	104 1 8	106 1 0	105 3 6	102 16 1	105 19 9	12,091	1,359	13,450
8	104 14 10	114 11 7	115 2 1	106 3 11	111 15 10	2,005	64	2,069
9	90 0 5	107 2 5	100 17 2	97 4 6	100 17 5	613	..	613
10	99 1 7	99 8 7	105 13 8	106 11 4	102 10 4	1,448	134	1,582
11	121 11 3	135 17 9	130 10 3	127 8 8	123 19 1	1,601	7	1,608
12	..	120 9 7	129 10 6	123 11 7	116 2 7	1,708	53	1,761
13	..	106 11 3	117 7 6	106 17 11	102 10 1	101	5	106
14	125 12 10	109 8 4	106 5 3	97 18 10	109 12 5	2,918	577	3,495
15	89 7 6	99 2 3	97 15 5	93 2 3	91 9 6	1,157	254	1,411
16	123 5 3	130 5 3	124 1 10	116 1 7	118 17 0	2,506	158	2,664
17	103 12 8	105 5 4	102 2 10	105 0 11	104 2 6	1,057	1,325	2,382
18				101 10 11	99 18 1	2,505	1,399	3,904
19	65 13 8	68 9 11	68 13 7	70 1 3	67 2 9	36,363	34,767	71,130
20				67 4 2	68 3 1	4,707	5,153	9,860
21				75 4 5	77 4 5	262	133	395
22	70 16 1	77 5 10	75 17 3	76 1 10	77 3 6	12,184	6,956	19,140
23				82 7 8	80 11 1	231	67	298
24	71 5 5	78 9 0	..	..	..	..	..	..
25	65 2 8	76 1 7	72 13 4	74 15 0	76 2 8	7,044	6,063	13,107
26	55 11 6	63 0 11	58 12 6	62 16 4	61 9 3	531	752	1 283
27	66 0 1	73 19 4	74 12 8	70 19 8	73 8 3	848	1,681	2,529
28	71 13 4	75 14 1	71 6 7	..	..	..	..	..

Bureau of Statistics of Labour. The figures represent the total earnings in the year is left blank, this indicates either that the figure has been omitted, the number employed question.

**MASSA-**

**TABLE 53.—AVERAGE YEARLY EARNINGS of WORKPEOPLE**  
in the STATE of

Trade.	Average Yearly Earnings					
	1889.	1890.	1891.	1892.	1893.	
<b>TEXTILE TRADES—cont.</b>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	<i>£ s. d.</i>	
<b>Carpetings :—</b>						
Textile .. .. .	76 1 11	75 11 4	77 10 4	80 15 4	76 7 4	29
Other .. .. .						30
Hosiery and knit goods .. ..	67 12 8	69 16 9	69 0 11	72 3 6	67 6 0	31
Print works, dye works and bleacheries.	85 1 11	86 10 2	89 3 5	90 0 9	87 2 1	32
Awnings, sails, tents, &c. .. ..	120 15 4	126 7 5	128 17 11	117 12 3	119 19 9	33
Cordage and twine .. .. .	68 9 9	68 6 3	70 2 3	73 4 5	71 19 4	34
<b>CLOTHING TRADES.</b>						
<b>Boots and shoes :—</b>						
Boots and shoes (factory product).						35
Soles, heels and cut stock .. ..	105 18 6	105 15 5	106 14 2	108 17 6	108 8 3	36
Boot and shoe findings .. ..						37
Stitching, heeling, &c. .. ..						38
Clothing .. .. .	84 0 6	82 15 9	83 8 11	83 7 1	82 17 10	39
Straw and palm leaf goods .. ..	79 14 6	79 17 2	95 7 0	99 14 10	99 11 5	40
<b>PRINTING, PAPER, AND ALLIED TRADES.</b>						
Printing, publishing and book-binding.	114 6 0	108 5 8	114 0 6	115 16 3	121 6 9	41
Paper .. .. .	84 16 11	87 6 3	88 11 5	88 3 10	85 14 3	42
Paper goods .. .. .	(a)	(a)	(a)	(a)	(a)	43
Boxes (paper) .. .. .	68 6 7	81 6 9	79 11 8	83 14 7	83 4 4	44
Photographs and photographic materials.	..	131 6 3	126 18 7	132 11 5	133 12 0	45
<b>WOODWORKING TRADES.</b>						
Lumber .. .. .	101 0 6	104 16 8	100 15 0	97 11 4	96 16 8	46
Furniture .. .. .	102 14 7	102 18 4	104 19 3	104 14 11	101 1 7	47
Carriages and wagons .. ..	120 9 2	122 4 6	124 0 1	124 1 1	130 16 10	48
Boxes, barrels, kegs, &c. .. ..	..	..	..	..	..	49
Burial cases, caskets, coffins, &c. ..	114 7 0	121 5 2	108 13 4	113 3 2	113 3 8	50
Wooden goods. .. .. .	110 0 7	107 8 6	107 18 3	111 10 4	111 12 0	51
<b>CHEMICAL TRADES.</b>						
Chemical preparations (compounded).	109 1 2	120 13 6	123 10 2	124 13 0	123 18 6	52
Drugs and medicines .. .. .	83 7 3	82 7 2	82 17 10	85 10 6	83 4 0	53
Dyestuffs .. .. .	103 9 3	109 12 0	111 14 8	112 14 5	108 19 9	54
Glue, isinglass and starch .. ..	81 14 1	82 9 7	93 5 8	93 7 1	99 5 7	55
Oils and illuminating fluids .. ..	115 11 0	107 11 2	112 5 4	94 19 1	100 17 2	56

(a) The figures are those given in these years



CHUSETTS—continued.  
employed in certain TRADES and in ALL TRADES TOGETHER  
MASSACHUSETTS—continued.

of Workpeople in					Aggregate Average Number of Persons Employed in 1898.			
	1894.	1895.	1896.	1897.	1898.	Male.	Female.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.			
29	73 19 5	77 3 3	71 15 6	72 0 6	70 1 9	2,025	1,998	4,023
30				82 2 7	90 17 8	102	78	180
31				63 14 11	62 17 6	1,666	4,160	5,826
32				86 10 2	91 18 9	4,890	1,115	6,014
33				102 6 5	110 3 11	152	79	231
34	68 12 8	69 10 1	71 16 8	66 17 7	68 14 5	1,253	707	1,960
35	104 15 9	100 10 10	100 5 11	100 0 6	97 15 0	32,821	14,703	47,524
36				78 14 6	75 6 0	2,482	1,246	3 723
37				80 0 3	80 5 7	184	191	375
38				90 13 7	88 0 0	163	107	270
39	81 7 8	82 9 11	78 14 9	77 8 3	78 7 11	2,784	6,573	9,357
40	90 14 8	90 13 6	96 7 10	96 18 8	97 2 1	946	1,578	2,524
41	114 12 6	109 14 10	106 0 8	106 9 9	106 4 9	2,627	1,577	4,204
42	84 15 11 (a)	84 9 11 (a)	96 19 9	86 10 7	88 1 9	5,319	3,478	8,797
43				81 11 8	76 16 6	1,263	1,617	2,880
44				72 14 8	72 1 1	506	1,270	1,776
45	..	94 4 0	93 4 0	113 13 0	120 7 4	138	100	238
46	92 15 2	93 3 2	97 13 5	94 6 10	95 5 8	682	7	689
47	97 8 0	101 13 4	99 13 8	98 7 7	99 19 4	4,726	600	5,326
48	126 14 11	120 13 10	121 13 10	120 13 6	124 13 5	1,685	12	1,697
49	..	..	88 13 3	87 3 3	89 6 1	2,205	452	2,657
50	116 18 8	128 13 8	129 19 6	122 14 11	126 10 8	157	23	179
51	107 9 10	110 13 8	114 15 10	95 10 11	95 19 0	1,379	67	1,446
52	114 14 9	116 12 0	117 1 10	119 13 11	125 1 3	414	13	427
53	89 6 5	87 0 0	84 9 7	86 18	87 0 3	289	301	590
54	105 5 2	103 6 6	..	101 4 10	95 4 0	84	47	131
55	97 12 6	89 13 1	82 17 7	92 17 3	94 15 6	373	43	416
56	..	..	113 4 7	106 11 7	112 13 9	91	11	102

under the group "Boxes (paper and wooden)."

MASSA-  
TABLE 53.—AVERAGE WEEKLY EARNINGS of WORKPEOPLE  
in the STATE of

Trade	Average Yearly Earnings					
	1889.	1890.	1891.	1892.	1893.	
CHEMICAL TRADES—cont.						
Paints, colours and crude chemicals	£ s. d. 95 10 2	£ s. d. 100 7 6	£ s. d. 112 1 0	£ s. d. 113 1 4	£ s. d. 109 15 2	57
Polishes and dressing ..	85 16 11	98 17 11	103 3 11	101 7 9	103 3 3	58
Tallow, candles, soap and grease ..	96 8 7	94 5 9	99 7 9	97 7 8	99 5 1	59
Emery and sandpaper and cloth, &c.	105 16 4	108 14 4	105 11 11	112 5 5	102 4 3	60
Fertilisers .. .. .	..	..	..	..	..	61
GLASS, POTTERY, &C., TRADES.						
Brick, tiles and sewer pipe ..	81 8 6	87 6 11	96 0 5	95 11 0	93 4 3	62
Earthen, plaster and stone ware ..	106 17 4	97 8 4	106 8 8	124 12 1	100 3 7	63
Glass .. .. .	91 7 3	98 17 11	100 10 11	113 11 1	..	64
Cement, kaolin, lime and plaster ..	..	..	..	..	..	65
FOOD AND TOBACCO TRADES.						
Food preparations .. .. .	89 9 2	96 15 2	102 3 3	102 6 11	97 13 4	66
Liquors (bottled) and carbonated beverages.	..	(a) 119 12 2	(a) 105 10 11	(a) 114 16 6	(a) 114 17 11	67
Liquors (malt) .. .. .	(b) 141 0 8	(b) 139 11 0	(b) 141 3 10	(b) 148 5 4	(b) 152 12 0	68
Tobacco, snuff and cigars .. ..	112 7 10	117 0 10	120 4 11	119 18 6	130 9 0	69
WORKERS IN FIBRE AND CANE.						
Brooms, brushes and mops .. ..	73 4 10	73 18 9	75 1 3	76 11 8	76 19 6	70
Hair work (animal and human) ..	83 18 0	82 10 4	76 3 3	79 17 4	71 15 10	71
LEATHER AND INDIA RUBBER TRADES.						
Leather .. .. .	109 17 10	107 2 10	105 12 7	105 14 8	102 16 11	72
Leather goods .. .. .						73
Saddlery and harness .. .. .	..	..	..	113 16 5	108 18 10	74
Whips, lashes and stocks .. ..	88 12 4	84 4 5	92 1 7	96 1 4	100 18 2	75
Rubber and elastic goods .. ..	87 0 6	93 0 4	90 17 5	87 14 5	96 19 3	76
Hose : rubber, linen, &c. .. ..	92 7 7	84 14 11	89 18 7	83 18 1	78 7 1	77
OTHER TRADES.						
Sporting and athletic goods .. ..	90 19 10	93 10 2	70 17 3	104 19 9	103 13 10	78
Building materials .. .. .	..	..	..	..	..	79
Fancy articles, &c. .. .. .	54 0 1	79 2 1	61 6 10	80 15 8	..	80
Ivory, bone, shell and horn goods, &c.	91 0 6	88 19 0	94 17 0	84 12 8	83 12 2	81
Buttons and dress trimmings ..	68 9 8	70 4 4	72 17 0	77 16 2	78 5 1	82
Toys and games (children's) ..	72 9 1	83 17 11	82 16 3	88 1 9	82 16 5	83
All Trades Together (c) ..	83 16 5	91 11 9	92 16 3	93 17 6	99 17 3	

(a) In these years the figures are those given under the group "Liquors and beverages"  
(b) In these years the figures are those given under the group "Liquors: malt, distilled"  
(c) By "All Trades Together" is meant the aggregate of the industries (comprising particulars of which are not given in the table (these being trades employing less than 100

**CHUSETTS—continued.**employed in certain TRADES and in ALL TRADES TOGETHER  
MASSACHUSETTS—continued.

of Workpeople in						Aggregate Average Number of Persons Employed in 1898.		
	1894.	1895.	1896.	1897.	1898.	Male.	Female.	Total.
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.			
57	112 12 3	113 6 5	125 8 8	116 5 5	116 2 5	270	22	292
58	96 14 3	100 11 4	93 15 8	91 11 1	91 13 3	111	134	245
59	102 10 9	103 11 0	103 14 10	102 6 1	101 13 0	727	82	809
60	107 3 9	114 7 6	104 17 0	114 15 5	114 10 4	428	..	428
61	..	..	..	110 16 4	112 0 1	213	..	213
62	92 2 11	93 0 5	92 11 6	89 0 1	85 3 0	1,245	2	1,247
63	101 11 6	102 18 7	108 6 11	95 16 4	92 3 4	168	37	205
64	117 4 9	106 15 7	102 15 1	105 11 10	110 19 4	242	14	256
65	..	96 3 5	96 17 3	92 11 1	91 5 2	129	..	129
66	96 0 4	93 8 11	94 16 1	93 19 2	92 9 9	6,659	2,517	9,176
67	(a) 107 16 5	(a) 112 5 0	(a) 118 16 11	126 12 5	120 6 3	282	4	286
68	(b) 151 8 11	(b) 144 9 8	(b) 153 19 11	162 18 10	167 0 8	1,513	..	1,513
69	129 17 10	131 5 11	128 1 8	128 2 1	125 7 3	1,464	571	2,035
70	73 4 3	74 0 6	75 12 4	70 15 1	73 2 10	403	391	794
71	75 7 4	79 19 1	70 4 2	60 16 5	69 16 9	50	54	104
72	98 13 8	100 4 5	98 16 2	99 14 9	100 13 5	5,440	25	5,465
73				95 15 4	90 18 9	729	277	1,006
74	105 15 4	112 12 1	110 17 4	115 15 10	110 8 0	330	31	361
75	90 3 4	88 16 7	87 3 8	86 4 8	86 16 10	332	136	468
76	87 18 9	90 0 10	88 4 10	85 7 6	89 4 0	5,202	4,357	9,559
77	93 18 10	92 14 1	83 13 8	92 4 4	93 10 2	411	92	503
78	90 17 3	91 13 4	103 16 0	106 11 3	107 1 2	136	28	166
79	..	..	123 6 10	121 6 4	121 13 4	1,278	2	1,280
80	77 5 3	75 3 7	78 14 4	74 0 8	74 11 1	134	221	355
81	82 13 7	83 10 9	82 3 8	86 4 6	82 14 11	768	153	921
82	71 8 1	73 8 7	68 3 4	69 14 8	66 16 6	301	528	829
83	78 8 3	83 5 6	85 18 4	84 19 11	84 15 6	396	84	480
	85 19 6	88 12 6	88 17 9	87 19 5	87 16 2	219,560	113,199	332,659

(not spirituous),"  
and fermented."83 classes in 1898), returns from which are utilised in the source, including a few trades  
persons each).

TABLE 54.—LIMITS of the WEEKLY EARNINGS of WORKPEOPLE employed in certain STATE of

METAL TRADES.(b)									
Weekly Earnings.	Number of Workpeople whose Weekly Earnings were within the Limits stated in Col. 1.								
	1890.	1891	1892	1893.	1894.	1895.	1896.	1897.	1898.
MALES.									
Under 5 dols. (£1 0s. 10d.)	2,821	2,876	2,883	2,580	2,398	3,121	3,134	3,397	3,536
5 dols. but under 6 dols. (£1 0s. 10d.—£1 5s.).	1,667	1,876	1,851	1,860	1,499	2,100	2,140	2,246	2,688
6 dols. but under 7 dols. (£1 5s.—£1 9s. 2d.).	2,707	2,697	2,667	2,482	2,256	3,066	3,144	3,192	3,194
7 dols. but under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	3,806	3,537	3,886	3,496	3,174	4,069	4,290	4,237	4,158
8 dols. but under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	3,950	3,391	3,902	3,817	2,986	3,919	4,238	4,306	4,236
9 dols. but under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	6,162	5,570	6,030	5,440	4,532	6,218	6,686	6,466	6,654
10 dols. but under 12 dols. (£2 1s. 8d.—£2 10s.).	7,209	7,059	7,938	7,391	6,211	7,613	8,136	8,513	8,952
12 dols. but under 15 dols. (£2 10s.—£3 2s. 6d.).	10,071	10,430	10,816	9,880	8,073	11,296	12,104	12,354	12,221
15 dols. but under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	9,281	9,959	10,264	9,522	5,953	8,796	9,887	9,973	10,091
20 dols. (£4 3s. 4d.) and over.	3,044	3,329	3,340	3,007	2,027	2,974	2,927	3,035	3,011
Total Males ..	50,710	50,714	53,477	49,497	39,107	53,192	56,676	57,719	58,741
FEMALES.									
Under 5 dols. (£1 0s. 10d.)	816	821	959	711	614	1,028	1,049	1,330	1,555
5 dols. but under 6 dols. (£1 0s. 10d.—£1 5s.).	678	693	713	594	591	1,062	1,018	977	1,117
6 dols. but under 7 dols. (£1 5s.—£1 9s. 2d.).	678	706	778	768	681	904	819	1,136	1,262
7 dols. but under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	529	630	570	587	391	606	547	922	1,000
8 dols. but under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	392	389	357	335	296	358	416	664	797
9 dols. but under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	245	280	212	218	223	413	264	369	395
10 dols. but under 12 dols. (£2 1s. 8d.—£2 10s.).	115	123	145	208	157	268	238	233	238
12 dols. but under 15 dols. (£2 10s.—£3 2s. 6d.).	71	58	49	76	69	101	87	48	69
15 dols. but under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	19	8	24	20	23	34	23	17	29
20 dols. (£4 3s. 4d.) and over.	3	2	6	6	12	11	10	4	9
Total Females ..	3,546	3,710	3,813	3,555	3,058	4,725	4,470	5,796	6,471

(a) Compiled from the source stated in footnote on pp. 105-6, ante. The figures show the greatest number of persons was employed.  
(b) In this group are included the following classes of trades specified in the source:—Agricultural Watches, Jewellery; Cooking, Lighting, and Heating Apparatus; Electrical Apparatus and and Patterns; Musical Instruments and Materials; Scientific Instruments and Appliances; and  
(c) In this group are included the following classes of trades specified in the source:—Awnings, Textiles in 1890-95; Flax, Hemp, Jute, and Linen Goods (Flax, Hemp, and Jute Goods only, in 1890-96); Print Works; Dye Works and Bleacheries; Silk and Silk Goods Woollen Goods; and

**CHUSETTS.(a)****PRINCIPAL GROUPS OF TRADES and in ALL TRADES TOGETHER in the MASSACHUSETTS.**

<b>TEXTILE TRADES. (c)</b>									
<b>Weekly Earnings</b>	<b>Number of Workpeople whose Weekly Earnings were within the Limits stated in Col. 1.</b>								
	<b>1890.</b>	<b>1891.</b>	<b>1892.</b>	<b>1893.</b>	<b>1894.</b>	<b>1895.</b>	<b>1896.</b>	<b>1897.</b>	<b>1898.</b>
<b>MALES.</b>									
Under 5 dols. (£1 0s. 10d.)	10,806	10,781	9,982	9,508	11,503	11,718	11,157	11,810	13,189
5 dols. but under 6 dols. (£1 0s. 10d.—£1 5s.).	5,230	5,611	5,806	5,775	7,458	7,869	7,577	8,052	8,929
6 dols. but under 7 dols. (£1 5s.—£1 9s. 2d.).	10,263	10,146	10,329	9,524	11,005	11,901	12,184	12,324	12,789
7 dols. but under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	8,962	9,171	9,984	10,008	9,608	10,915	10,781	11,222	11,969
8 dols. but under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	6,381	7,010	7,096	8,204	7,504	8,712	8,954	9,094	9,213
9 dols. but under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	7,724	7,980	8,132	7,541	6,198	7,112	7,078	7,619	7,426
10 dols. but under 12 dols. (£2 1s. 8d.—£2 10s.).	6,880	7,233	7,801	7,938	6,777	8,067	7,794	8,207	7,791
12 dols. but under 15 dols. (£2 10s.—£3 2s. 6d.).	5,040	5,004	6,049	5,708	3,883	4,891	4,857	5,559	5,120
15 dols. but under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	2,275	2,285	2,540	2,589	2,008	2,323	2,409	2,385	2,312
20 dols. (£4 3s. 4d.) and over.	1,156	1,213	1,355	1,213	1,184	1,353	1,381	1,382	1,449
<b>Total Males ..</b>	<b>64,826</b>	<b>66,394</b>	<b>68,764</b>	<b>68,093</b>	<b>66,906</b>	<b>74,661</b>	<b>74,172</b>	<b>77,654</b>	<b>80,147</b>
<b>FEMALES.</b>									
Under 5 dols. (£1 0s. 10d.)	19,676	19,885	18,268	17,410	20,923	20,137	19,292	19,028	22,235
5 dols. but under 6 dols. (£1 0s. 10d.—£1 5s.).	13,449	13,493	13,246	12,932	14,656	14,614	14,639	15,081	15,259
6 dols. but under 7 dols. (£1 5s.—£1 9s. 2d.).	13,241	13,011	13,802	13,807	12,420	13,409	13,163	13,989	13,778
7 dols. but under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	8,073	8,542	9,452	8,833	8,318	9,765	9,770	9,465	9,642
8 dols. but under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	4,576	5,533	5,317	6,044	4,582	6,101	6,275	6,409	5,299
9 dols. but under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	2,684	3,090	3,391	3,485	1,913	2,738	2,484	2,548	1,966
10 dols. but under 12 dols. (£2 1s. 8d.—£2 10s.).	1,337	1,666	2,083	1,999	718	1,203	1,230	1,323	1,221
12 dols. but under 15 dols. (£2 10s.—£3 2s. 6d.).	201	181	259	307	119	206	172	196	258
15 dols. but under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	11	9	14	28	11	14	8	14	23
20 dols. (£4 3s. 4d.) and over.	..	..	1	1	..	1	2	2	1
<b>Total Females ..</b>	<b>63,248</b>	<b>65,419</b>	<b>65,663</b>	<b>64,846</b>	<b>63,660</b>	<b>67,968</b>	<b>67,035</b>	<b>68,935</b>	<b>69,792</b>

average weekly earnings in the week during which, in each establishment making returns, the

Implements; Arms and Ammunition; Artisans' Tools; Bicycles, Tricycles, &c. (in 1895-98); Clocks, Appliances; Electroplating; Machines and Machinery; Metals and Metallic Goods; Models, Laths, Shipbuilding, Sails, Tents, &c.; Carpeting, Cordage and Twine; Cotton Goods (also Cotton, Woollen, and other 1897 and 1898); Hair work (Animal and Human); Hosiery and Knit Goods; Mixed Textiles (in Worsteds Goods.

TABLE 54.—LIMITS of the WEEKLY EARNINGS of WORKPEOPLE employed in certain PRINCIPAL

CLOTHING TRADES.(a)									
Weekly Earnings.	Number of Workpeople whose Weekly Earnings were within the Limits stated in Col. 1.								
	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
<b>MALES.</b>									
Under 5 dols. (£1 0s. 10d.)	1,949	1,913	2,041	1,863	1,808	2,174	2,414	3,154	3,484
5 dols. but under 6 dols. (£1 0s. 10d.—£1 5s.).	1,374	1,326	1,388	1,181	1,058	1,585	1,553	1,974	2,305
6 dols. but under 7 dols. (£1 5s.—£1 9s. 2d.).	1,989	2,112	2,041	1,790	1,607	2,001	2,391	2,874	2,735
7 dols. but under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	2,064	2,247	2,318	2,025	1,930	2,616	2,616	2,900	3,205
8 dols. but under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	2,163	2,389	2,256	2,210	1,873	2,653	2,963	3,104	3,494
9 dols. but under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	3,496	3,907	3,820	3,401	2,896	3,996	4,062	4,399	4,653
10 dols. but under 12 dols. (£2 1s. 8d.—£2 10s.).	5,769	6,033	5,874	5,236	4,537	5,968	6,189	7,153	7,480
12 dols. but under 15 dols. (£2 10s.—£3 2s. 6d.).	9,641	10,253	10,507	8,507	7,136	8,770	9,042	10,001	9,453
15 dols. but under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	8,628	9,272	8,573	7,339	6,228	7,636	7,735	7,351	7,309
20 dols. (£4 3s. 4d.) and over.	3,097	3,096	3,249	2,928	2,539	2,789	3,048	2,726	2,691
<b>Total Males ..</b>	<b>49,921</b>	<b>42,551</b>	<b>42,067</b>	<b>36,419</b>	<b>31,423</b>	<b>40,239</b>	<b>41,933</b>	<b>45,496</b>	<b>46,768</b>
<b>FEMALES.</b>									
Under 5 dols. (£1 0s. 10d.)	3,869	4,638	4,635	3,958	3,423	4,446	5,052	5,978	6,565
5 dols. but under 6 dols. (£1 0s. 10d.—£1 5s.).	2,618	3,168	3,270	2,968	2,569	3,351	3,278	3,836	3,961
6 dols. but under 7 dols. (£1 5s.—£1 9s. 2d.).	3,334	3,815	3,545	3,351	2,693	3,733	3,724	4,069	4,278
7 dols. but under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	3,282	3,500	3,376	3,035	2,692	3,173	3,502	3,910	4,019
8 dols. but under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	2,905	2,971	3,194	3,064	2,461	2,645	3,050	3,415	3,473
9 dols. but under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	2,525	2,474	2,775	2,856	2,156	2,592	2,824	3,028	3,066
10 dols. but under 12 dols. (£2 1s. 8d.—£2 10s.).	2,667	2,453	2,861	2,712	2,336	2,736	2,968	3,030	3,112
12 dols. but under 15 dols. (£2 10s.—£3 2s. 6d.).	2,079	2,052	2,113	2,000	1,641	1,926	1,906	2,079	2,206
15 dols. but under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	650	809	886	765	623	615	746	661	582
20 dols. (£4 3s. 4d.) and over.	80	86	103	73	74	49	142	111	82
<b>Total Females ..</b>	<b>24,929</b>	<b>25,966</b>	<b>26,748</b>	<b>24,623</b>	<b>20,666</b>	<b>25,266</b>	<b>27,192</b>	<b>30,117</b>	<b>31,244</b>

(a) In this group are included the following classes of trades specified in the source:—Boots and  
 (b) By "All Trades Together" is meant the aggregate of the industries (comprising 88 classes in

CHUSETTS—*continued.*GROUPS of TRADES and in ALL TRADES TOGETHER in the STATE of MASSACHUSETTS—*continued.*

ALL TRADES TOGETHER.(b)									
Weekly Earnings.	Number of Workpeople whose Weekly Earnings were within the Limits stated in Col. 1.								
	1890.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
<b>MALES.</b>									
Under 5 dols. (£1 0s. 10d.)	17,876	17,934	16,929	16,007	17,141	19,621	19,317	21,217	23,266
5 dols. and under 6 dols. (£1 0s. 10d.—£1 5s.).	9,456	10,491	10,506	10,226	11,401	13,262	13,196	14,232	15,767
6 dols. and under 7 dols. (£1 5s.—£1 9s. 2d.).	17,364	17,581	17,200	16,125	17,484	20,046	20,472	21,507	21,993
7 dols. and under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	18,364	18,904	19,594	19,223	18,828	22,346	22,320	23,324	24,340
8 dols. and under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	16,994	17,204	17,704	18,561	16,800	21,411	22,154	22,717	23,210
9 dols. and under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	26,672	26,003	26,942	27,480	23,248	26,858	26,940	30,329	31,157
10 dols. and under 12 dols. (£2 1s. 8d.—£3 10s.).	30,803	31,969	33,290	31,336	21,793	32,974	33,403	35,354	35,733
12 dols. and under 15 dols. (£3 10s.—£3 2s. 6d.).	35,821	36,469	39,573	36,507	39,792	37,598	39,189	41,339	40,242
15 dols. and under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	26,208	31,229	30,770	28,625	21,668	26,400	29,651	29,566	29,904
20 dols. (£4 3s. 4d.) and over.	9,619	10,219	10,338	9,544	7,659	9,285	9,613	9,412	9,396
<b>Total Males ..</b>	<b>210,977</b>	<b>222,023</b>	<b>224,846</b>	<b>213,534</b>	<b>190,834</b>	<b>233,876</b>	<b>233,257</b>	<b>249,019</b>	<b>255,020</b>
<b>FEMALES.</b>									
Under 5 dols. (£1 0s. 10d.)	28,960	30,609	26,219	26,515	29,154	31,780	31,364	33,328	37,015
5 dols. and under 6 dols. (£1 0s. 10d.—£1 5s.).	19,592	21,456	20,206	19,440	20,748	22,575	22,445	23,765	24,322
6 dols. and under 7 dols. (£1 5s.—£1 9s. 2d.).	20,229	21,460	20,972	21,038	18,759	21,751	21,704	23,562	23,527
7 dols. and under 8 dols. (£1 9s. 2d.—£1 13s. 4d.).	14,242	15,170	15,606	14,484	13,435	15,727	16,276	17,216	17,479
8 dols. and under 9 dols. (£1 13s. 4d.—£1 17s. 6d.).	9,110	10,264	10,061	10,669	8,636	10,611	11,113	12,276	11,318
9 dols. and under 10 dols. (£1 17s. 6d.—£2 1s. 8d.).	6,278	6,780	7,511	7,291	5,210	6,955	6,742	6,899	6,677
10 dols. and under 12 dols. (£2 1s. 8d.—£3 10s.).	4,647	5,102	5,844	5,595	3,818	5,010	5,064	5,363	5,487
12 dols. and under 15 dols. (£3 10s.—£3 2s. 6d.).	2,552	2,569	2,649	2,644	2,004	2,538	2,436	2,636	2,891
15 dols. and under 20 dols. (£3 2s. 6d.—£4 3s. 4d.).	715	866	965	875	695	735	840	787	720
20 dols. (£4 3s. 4d.) and over.	94	96	121	90	87	74	166	130	106
<b>Total Females ..</b>	<b>106,239</b>	<b>114,422</b>	<b>112,634</b>	<b>106,641</b>	<b>102,534</b>	<b>117,756</b>	<b>118,072</b>	<b>125,962</b>	<b>129,544</b>

Shoes; Buttons and Dress Trimmings; Clothing; and Straw and Palm Leaf Goods.  
1896) returns from which are utilised in the source.

## MASSACHUSETTS.(a)

TABLE 55.—AVERAGE EARNINGS for a FULL WEEK'S WORK of WORKPEOPLE employed in certain OCCUPATIONS in the STATE of MASSACHUSETTS, in 1897.

Occupation.	Average Earnings for a Full Week's Work.	Occupation.	Average Earnings for a Full Week's Work.
	£ s. d.		£ s. d.
<b>Building Trades.</b>		<b>Metals and Metallic Goods (Fine Work).</b>	
Carpenters ... ..	3 3 5	Woodworkers ... ..	3 3 9
Painters and glaziers ... ..	2 18 3	Women ... ..	1 15 0
Steam and gas fitters ... ..	3 0 5	Boys and girls ... ..	1 3 1
Slaters ... ..	3 15 0	Moulders ... ..	2 19 3
Paperhangers ... ..	3 17 1	Gold workers ... ..	3 14 0
Plumbers ... ..	4 0 8	Steel workers ... ..	3 6 4
Plasterers ... ..	4 1 3	Metal workers ... ..	2 16 9
Masons ... ..	4 2 11	Watchmen ... ..	2 1 8
Carpenters' labourers ... ..	1 14 4	Engineers ... ..	2 16 4
Masons' and plasterers' labourers ... ..	1 16 9		
<b>Stone.</b>		<b>Machines and Machinery.</b>	
Quarrymen ... ..	1 18 2	Pattern makers ... ..	2 17 2
Paving cutters ... ..	1 6 6	Iron moulders ... ..	2 9 3
Stone cutters ... ..	3 4 2	Brass moulders ... ..	3 0 8
Polishers ... ..	1 18 10	Core makers ... ..	1 9 0
Blacksmiths ... ..	3 8 9	Blacksmiths ... ..	2 14 0
Teamsters ... ..	2 1 0	Blacksmiths' helpers ... ..	1 12 6
Labourers ... ..	1 7 7	Machinists ... ..	2 6 1
<b>Metals and Metallic Goods.</b>		Cleaners and chippers ... ..	1 14 5
Hammermen ... ..	4 0 1	Chuckers ... ..	2 0 0
Heaters ... ..	3 8 7	Fitters ... ..	1 18 11
Rollers ... ..	2 17 7	Polishers ... ..	1 13 3
Puddlers ... ..	2 14 6	Setters-up ... ..	2 3 2
Shinglers ... ..	2 16 3	Rivet heaters, boys ... ..	1 6 10
Helpers ... ..	2 1 7	Riveters ... ..	3 3 0
Wire drawers ... ..	1 11 5	Woodworkers ... ..	2 2 3
Annealers and cleaners ... ..	2 4 9	Painters ... ..	1 15 11
Roughers ... ..	3 1 0	Labourers ... ..	1 10 11
Finishers ... ..	2 7 11	Watchmen ... ..	1 14 6
Billeters ... ..	3 4 5	Teamsters ... ..	1 19 6
Stockers ... ..	2 4 4		
Strikers-in ... ..	1 15 1	<b>Blacksmithing.</b>	
Brickmasons ... ..	2 18 4	Blacksmiths ... ..	3 6 8
Brickmasons' helpers ... ..	1 16 3		
Sinkers ... ..	5 0 0	<b>Cotton Goods.</b>	
Machinists ... ..	2 13 3	Openers and pickers ... ..	1 6 5
Labourers ... ..	1 13 10	Openers and pickers, boys ... ..	1 2 0
		Strippers ... ..	1 6 11
		Grinders ... ..	1 15 8

(a) Compiled from the *Twenty-eighth Annual Report of the Massachusetts Bureau of Statistics of Labour, March, 1898.*



## MASSACHUSETTS—continued.

TABLE 55.—AVERAGE EARNINGS for a FULL WEEK'S WORK of WORKPEOPLE employed in certain OCCUPATIONS in the STATE of MASSACHUSETTS, in 1897—continued.

Occupation.	Average Earnings for a Full Week's Work.	Occupation.	Average Earnings for a Full Week's Work.
	£ s. d.		£ s. d.
<b>Cotton Goods—cont.</b>		<b>Cotton Goods—cont.</b>	
Frame tenders ...	1 11 3	Weavers, 8 looms ...	1 16 6
Drawers ...	1 2 2	Bobbin boys ...	1 0 5
Railway and alley boys ...	1 1 4	Cloth room, overseers ...	3 16 1
Slubbers ...	1 13 8	Cloth room, second hands ...	2 10 0
Overseers of carding ...	5 5 0	Cloth room, men ...	1 9 8
Section hands ...	1 18 1	Cloth room, women and boys ...	1 0 3
Second hands ...	2 13 11	Packing room, girls and boys ...	1 5 0
Overseers of spinning ...	4 15 8	Dyers ...	1 7 6
Second hands ...	2 11 11	Bundlers ...	1 12 8
Section hands ...	1 17 6	Overseers of repairs ...	5 14 1
General hands ...	1 9 6	Mechanics ...	2 8 4
Young persons ...	0 16 7	Mechanics' labourers ...	1 6 10
Spare hands ...	1 3 3	Engineers ...	3 10 8
Mule spinners ...	2 15 2	Firemen ...	1 19 3
Back boys ...	0 19 9	Overseers of yard ...	2 11 3
Doffers ...	1 5 2	Yard hands ...	1 9 3
Frame spinners ...	1 10 3	Watchmen ...	1 17 0
Frame spinners, girls ...	0 19 9	Teamsters ...	1 15 6
Frame spinners, boys ...	0 18 5		
Ring spinners, overseers ...	4 10 8	<b>Woollen Goods.</b>	
Ring spinners, second hands ...	2 1 3	Wool sorters ...	2 11 2
Ring spinners, third hands ...	2 1 1	Washers and scourers ...	1 8 5
Ring spinners, girls ...	1 7 0	Dyers ...	1 10 1
Doffers, boys ...	0 19 4	Dryers ...	1 10 0
Fly and jack frame tenders ...	1 9 8	Young persons ...	1 3 2
Reeling and warping, overseers ...	3 10 10	Dyers and scourers ...	1 6 2
Reeling and warping, second hands ...	2 5 6	Washers ...	1 9 0
Reeling and warping, spare hands, girls ...	1 0 7	Dryers and pickers ...	1 6 0
Reeling and warping, spoolers ...	1 3 7	Scourers ...	1 3 0
Reeling and warping, young persons ...	1 0 2	Carders ...	1 11 8
Warpers ...	1 12 10	Carders, overseers ...	6 5 0
Dressers ...	2 0 2	Strippers ...	1 9 2
Dressers, overseers ...	4 16 9	Spinners ...	2 5 5
Slasher tenders ...	2 2 7	Spinners, boys ...	1 10 9
Drawers ...	1 2 7	Spinners, women ...	1 6 7
Drawers, section hands ...	1 14 7	Spoolers, women ...	1 4 3
Drawers, third hands ...	1 15 11	Spoolers, girls ...	0 18 10
Drawers, room hands ...	1 7 2	Dressers and warpers ...	2 0 1
Twisters, women ...	1 4 4	Dressers ...	2 4 7
Weavers ...	1 12 1	Weavers ...	1 16 0
Weavers, overseers ...	5 1 0	Fullers ...	1 10 5
Weavers, second hands ...	2 12 8	Shearers ...	1 8 0
Weavers, section hands ...	2 5 2	Giggers ...	1 9 7
Weavers, spare hands ...	1 9 0	Burlers ...	1 2 8
Weavers, 4 looms ...	1 7 5	Burlers, women ...	1 3 6
Weavers, 6 looms ...	1 10 9	Burlers, girls ...	1 2 2
		Finishers ...	1 14 8
		Finishers, women ...	1 5 2

## MASSACHUSETTS—continued.

TABLE 55.—AVERAGE EARNINGS for a FULL WEEK'S WORK of WORKPEOPLE employed in certain OCCUPATIONS in the STATE of MASSACHUSETTS, in 1897—continued.

Occupation.	Average Earnings for a Full Week's Work.	Occupation.	Average Earnings for a Full Week's Work.
	£ s. d.		£ s. d.
<b>Woolen Goods—cont.</b>		<b>Boots and Shoes.</b>	
Packers ... ..	2 2 7	Cutters ... ..	2 8 6
Pressmen ... ..	1 17 9	Bottomers ... ..	2 7 11
Section hands ... ..	2 11 6	Boot treers ... ..	1 12 3
Firemen ... ..	1 19 4	Crimpers ... ..	3 2 6
Engineers and firemen ...	2 15 5	Fitters ... ..	3 4 1
Labourers ... ..	1 8 1	Finishers ... ..	2 8 4
Watchmen ... ..	2 3 9	Buffers ... ..	3 3 0
		Heelers ... ..	3 13 6
		Edge setters ... ..	2 10 5
		Shoemakers ... ..	3 6 1
		Machine hands, women ...	2 1 7
		McKay operators ... ..	3 3 9
		Beaters-out ... ..	2 10 9
		Trimmers ... ..	3 11 7
		Women ... ..	0 16 10
<b>Hosiery.</b>			
Overseers of carding ...	4 13 9		
Young persons, carding ...	0 18 7		
Overseers of bleaching and dyeing.	3 12 11		
Men, bleaching and dyeing	1 6 6		
Overseers of spinning ...	4 17 11		
Men and boys, spinning ...	2 8 8		
Boarders ... ..	1 18 11		
Finishers, women ... ..	1 0 8		
Cutters ... ..	1 5 5		
Winders ... ..	1 5 11		
Knitters ... ..	1 10 5		
Twisters ... ..	0 19 7		
Sewing girls ... ..	1 7 4		
Menders ... ..	1 5 0		
Rotary knitters, men ...	2 13 8		
Engineers ... ..	3 10 1		
Yard hands and watchmen	1 8 0		
		<b>Clothing (Ready-made).</b>	
		Overseers ... ..	3 16 6
		Cutters ... ..	4 4 10
		Trimmers ... ..	1 14 2
		Pressers ... ..	2 16 0
		Basters, women ... ..	1 4 8
		Machine operators, women	1 6 9
		Finishers at home, women	0 7 6
		Finishers in shop, women	0 15 8
		Finishers, custom, women ...	1 5 0
		Pantaloon and vest makers, custom work, women.	2 2 11
<b>Carpetings.</b>		<b>Straw Goods.</b>	
Wool sorters ... ..	2 7 3	Bleachers ... ..	2 3 3
Wool washers ... ..	1 8 7	Blockers ... ..	3 9 8
Dyers and dryers ... ..	1 12 5	Pressers ... ..	2 7 0
Weavers ... ..	1 18 1	Packers ... ..	2 9 0
Section hands ... ..	2 8 7	Machine sewers ... ..	2 7 7
Drawers and spinners ...	1 1 6	Plaster block makers ...	2 10 0
Frame spinners ... ..	1 1 4	Whittlers ... ..	2 3 9
Firemen ... ..	1 16 10	Menders ... ..	1 13 8
Machinists and carpenters...	2 5 1	Tipplers ... ..	2 18 4
Watchmen ... ..	1 14 6	Trimmers ... ..	1 14 9
Labourers ... ..	1 7 11	Wirers ... ..	2 9 5
Labourers, boys ... ..	0 16 3	Machinists ... ..	2 17 4

## MASSACHUSETTS—continued.

TABLE 53.—AVERAGE EARNINGS for a FULL WEEK'S WORK of WORKPEOPLE employed in certain OCCUPATIONS in the STATE of MASSACHUSETTS, in 1897—continued.

Occupation.	Average Earnings for a Full Week's Work.	Occupation.	Average Earnings for a Full Week's Work.
	£ s. d.		£ s. d.
<b>Agriculture.</b>		<b>Carriages.</b>	
Labourers <i>per month</i> , with board ... ..	3 17 1	Body makers... ..	2 13 2
Labourers <i>per day</i> , without board ... ..	0 5 3	Painters ... ..	2 9 2
		Carriage-part makers ... ..	2 13 2
		Wheelwrights ... ..	3 4 11
		Trimmers ... ..	3 13 7
		Blacksmiths ... ..	2 14 11
		Blacksmiths' helpers ... ..	2 0 8
<b>Printing.</b>		<b>Musical Instruments.</b>	
Job compositors ... ..	3 4 7	Case makers ... ..	3 12 6
Proof readers ... ..	6 0 4	Varnishers ... ..	2 17 3
Proof readers, women ... ..	2 17 4	Finishers ... ..	4 7 3
Job pressmen ... ..	2 15 4	Millmen ... ..	2 15 3
News-work ... ..	4 16 3	Action makers ... ..	3 1 11
Press feeders... ..	2 0 4	Action makers, women ... ..	2 1 8
Press feeders, women ... ..	1 0 2	Tuners ... ..	4 13 7
Compositors, daily ... ..	4 10 9	Labourers ... ..	2 2 6
Pressmen, daily ... ..	3 17 8		
Book compositors ... ..	3 6 0		
Book compositors, women ... ..	2 0 4		
<b>Paper.</b>		<b>Glass.</b>	
Foremen ... ..	2 19 5	Blowers ... ..	4 11 3
Millwrights ... ..	2 19 9	Kilnmen ... ..	2 10 0
Rag engine tenders ... ..	1 15 2	Polishers ... ..	2 10 0
Paper machine tenders ... ..	3 13 9	Gaffers ... ..	5 0 0
Thresher women ... ..	0 18 9	Servitors ... ..	4 7 6
Rag cutters ... ..	1 5 4	Footmakers ... ..	3 2 6
Finishers ... ..	2 7 8	Pressers ... ..	3 15 0
Finishers, girls ... ..	1 5 6	Gatherers ... ..	3 2 6
Finishers' helpers ... ..	2 1 8	Stickers-up ... ..	1 8 0
Cutters, girls ... ..	1 3 9	Ware wheelers ... ..	1 1 6
Bleachers ... ..	1 13 8	Engravers ... ..	3 10 10
Rag sorters ... ..	1 6 1	Mixers ... ..	2 10 0
Men on stock ... ..	1 19 8	Men, not in departments ... ..	2 2 4
Mechanics ... ..	3 0 1	Boys ... ..	1 8 2
Engineers and firemen ... ..	2 15 6	Women and girls ... ..	1 3 2
Labourers ... ..	1 14 11		
<b>Cabinet Making.</b>		<b>Leather.</b>	
Chair makers ... ..	3 2 2	Liners and beamers ... ..	2 1 2
Turners ... ..	3 2 0	Tanners ... ..	1 17 6
Carvers ... ..	3 9 6	Shavers ... ..	3 1 4
Cabinet makers ... ..	2 16 5	Finishers ... ..	1 16 2
Millmen ... ..	2 7 2	Splitters ... ..	4 13 9
Polishers and finishers ... ..	2 11 3	Knifemen ... ..	3 0 5
Upholsterers... ..	2 3 9	Tablemen ... ..	1 17 6
Upholstery sewers, women ... ..	1 9 6	Foremen ... ..	3 19 2

MASSACHUSETTS—continued.

TABLE 55.—AVERAGE EARNINGS for a FULL WEEK'S WORK of WORKPEOPLE employed in certain OCCUPATIONS in the STATE of MASSACHUSETTS, in 1897—continued.

Occupation.	Average Earnings for a Full Week's Work.	Occupation.	Average Earnings for a Full Week's Work.
	£ s. d.		£ s. d.
Rubber Goods, Elastic Fabrics.		Rubber Goods, Elastic Fabrics—cont.	
Rubber workers ... ..	2 14 4	Overseers of spoolers ... ..	1 17 6
Rubber workers, women ... ..	1 3 4	Spoolers, women ... ..	1 7 1
Overseers of weavers ... ..	3 19 2	Overseers of leather work ... ..	3 8 9
Weavers, women ... ..	2 3 0	Men on leather work ... ..	2 16 3
Dyers ... ..	1 15 11	Boys on leather work ... ..	1 9 2
Dyers, foremen ... ..	3 2 6	Quillers, boys and girls ... ..	0 15 4
Sewing girls ... ..	1 10 8	Woodworkers ... ..	2 3 9

BAKERS IN CONNECTICUT.(a)

TABLE 56.—NUMBER of BAKERS in the STATE of CONNECTICUT, whose WEEKLY WAGES in the Year 1895-96 were as shown below :—

Weekly Wages.	Number of Bakers whose Weekly Wages were the amounts specified in Col. 1.	Weekly Wages.	Number of Bakers whose Weekly Wages were the amounts specified in Col. 3.	Weekly Wages.	Number of Bakers whose Weekly Wages were the amounts specified in Col. 5.
(1.)	(2.)	(3.)	(4.)	(5.)	(6.)
Dols. £ s. d.		Dols. £ s. d.		Dols. £ s. d.	
5 = 1 0 10	3	10 = 2 1 8	83	15 = 3 2 6	43
6 = 1 5 0	11	11 = 2 5 10	17	16 = 3 6 8	47
7 = 1 9 2	6	12 = 2 10 0	183	17 = 3 10 10	24
8 = 1 13 4	16	13 = 2 14 2	26	18 = 3 15 0	16
9 = 1 17 6	18	14 = 2 18 4	36	20 = 4 3 4	4

Total number of Bakers comprised in the Returns, 533.  
Average Weekly wages of all Bakers comprised in the Returns, £2 11s. 11d.

(a) Compiled from the Report of the Bureau of Labour Statistics of the State of Connecticut for the Year ending November 30th, 1896. The figures given in the table include the value of board, in cases in which bakers boarded with their employers, such value being estimated at 4 dol. (16s. 8d.) per week.

CERTAIN TRADES IN CONNECTICUT.<sup>(a)</sup>

TABLE 57.—AVERAGE YEARLY EARNINGS and AVERAGE EARNINGS per HOUR WORKED of the WORKPEOPLE employed in certain PRINCIPAL GROUPS of TRADES in the STATE of CONNECTICUT in the Year ended July 1st, 1896.

Group of Trades.	Number of Workpeople comprised in the Returns.					Average Yearly Earnings.	Average Earnings per Hour Worked.
	Men.	Women.	Boys (16 years and under).	Girls (16 years and under).	Total.		
						£ s. d.	d.
Stone cutting and quarrying.	686	..	23	..	689	101 12 8	9½
Iron and iron foundries.	4,342	14	147	4	4,507	113 19 0	9½
Machine shops ..	7,915	68	156	20	8,159	128 16 4	10½
Brass and brass goods	9,520	2,202	350	224	12,296	108 12 8	9½
Wire and wire goods	697	56	68	25	844	104 17 6	9
Firearms .. ..	687	10	2	..	699	127 18 1	10½
Cutlery and tools ..	1,754	126	132	22	2,034	103 9 0	9
General hardware ..	8,424	484	506	231	9,647	97 17 7	8½
Buttons, buckles and pins.	403	451	47	206	1,105	87 11 9	7½
Silver and plated ware	3,221	531	184	114	4,030	101 16 8	10½
Cotton mills .. ..	1,540	1,490	444	530	4,003	62 19 2	5½
Cotton goods (b) ..	2,662	2,524	482	473	6,141	72 4 4	6½
Woolens and woollen mills.	2,596	1,413	286	224	4,519	75 16 7	7
Hosiery and knit goods.	1,165	1,249	111	280	2,805	77 7 1	6½
Silk goods .. ..	1,411	1,579	126	101	3,217	81 6 8	6½
Shoes .. .. .	313	185	1	15	523	87 9 1	7½
Hats and caps.. ..	1,861	706	42	14	2,643	98 10 4	8½
Corsets .. .. .	471	2,467	71	146	4,155	69 14 6	6½
Paper and paper goods	1,107	889	61	89	2,146	80 0 3	6½
Woodworking .. ..	1,606	69	16	..	1,694	103 17 8	8½
Carriages and carriage parts.	953	23	14	..	970	129 12 6	11½
Musical instruments and parts.	648	85	9	..	742	136 19 3	12½
Brickmaking .. ..	628	6	5	..	639	55 12 2	6½
Leather goods.. ..	496	45	40	8	589	96 13 3	8
Rubber goods.. ..	1,365	594	60	52	2,071	102 12 2	9½
Miscellaneous.. ..	1,583	306	135	90	2,114	107 5 11	9

(a) Compiled from the source stated in footnote on p. 119, ante.

(b) Includes comfortables, twines, cotton warps and yarns, and men's and women's underwear.

WAGES

VARIOUS

TABLE 58.—AVERAGE DAILY WAGES in

Occupation.	Average Daily Wages in				
	1887.	1892.	1894.		1895.
	Japan as a whole.	Japan as a whole.	Tokio.	Japan as a whole.	Tokio.
<b>Male.</b>					
	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>
Stonecutters ... ..	0 11½	1 0½	1 7	0 10	2 1
Carpenters ... ..	0 10½	0 11	1 1½	0 8½	1 2½
Plasterers ... ..	0 10½	0 11	1 4½	0 8½	1 4½
Screen and door makers ...	0 10	0 10½	1 0	0 8½	1 4½
Paper fixers ... ..	0 10	0 11	0 11½	0 8½	1 0½
Roofers (shingles, thatch, &c.).	0 9	0 10½	1 3	0 8½	1 1½
Roofers (tiles) ... ..	0 11	0 11½	1 1½	0 9½	1 0½
Miners ... ..	...	...	...	0 8½	...
Smiths ... ..	0 10½	0 10½	1 0½	0 9	1 0½
Makers of metal utensils ...	...	...	0 10	0 6½	0 10
Jewellers, &c. ... ..	...	...	1 0½	0 8½	1 0½
Cotton scutchers ... ..	0 7½	0 8½	0 7½	0 6½	0 7½
Silk weavers ... ..	0 6	0 5½	0 3½	0 5½	0 3½
Dyers ... ..	0 8½	0 8½	0 7½	0 7	0 10
Boot and shoe makers ...	...	...	1 8½	0 9½	1 3½
Makers of wooden shoes and over shoes.	...	...	0 7½	0 7½	0 9½
Tailors (Japanese garments)	0 9	0 9½	1 0	0 7½	1 1½
Tailors (European garments)	1 9½	1 5	1 9	1 0½	1 7½
Agricultural day labourers	0 6½	0 6½	0 6½	0 5½	0 6½
Gardeners ... ..	...	...	1 3	0 8½	0 11½
Tea preparation workmen	0 10½	0 10½	1 3	0 8½	1 3½
Varnish (lacquer) collectors	...	...	...	0 6½	0 11½

(a) Compiled from *Resumé Statistique de l'Empire du Japon*, published by the in the table, the information

## IN JAPAN.

## OCCUPATIONS. (a)

## VARIOUS OCCUPATIONS in JAPAN.

Average Daily Wages in					Occupation.
1895.	1896.		1897.		
Japan as a whole.	Tokio.	Japan as a whole.	Tokio.	Japan as a whole.	
					<b>Male.</b>
s. d. 0 10½	s. d. 1 7½	s. d. 1 0½	s. d. 1 1½	s. d. 1 1½	Stonecutters.
0 9	1 4½	0 11½	1 2½	1 0	Carpenters.
0 9½	1 4½	0 11½	1 2½	1 0½	Plasterers.
0 9	1 3	0 10½	1 3½	0 11½	Screen and door makers.
0 8½	1 3	0 10½	1 3½	0 11	Paper fixers.
0 8½	1 5	0 10½	1 2½	0 11½	Roofers (shingles, thatch, &c.).
0 9½	1 2½	1 0½	1 2½	1 1½	Roofers (tiles).
0 9½	...	0 10½	...	0 11½	Miners.
0 8½	1 1	0 11	1 0½	0 11½	Smiths.
0 9½	1 2½	0 10½	1 2½	0 11½	Makers of metal utensils.
0 9½	1 3	0 10	1 1	0 10½	Jewellers, &c.
0 6½	0 9	0 7½	0 9½	0 8½	Cotton scutchers.
0 5½	0 4½	0 6½	0 4½	0 6½	Silk weavers.
0 7½	1 0	0 8	0 7½	0 8½	Dyers.
0 9½	1 3½	0 10½	1 0½	0 11½	Boot and shoe makers.
0 7½	0 11½	0 8½	0 11½	0 9½	Makers of wooden shoes and over shoes.
0 7½	1 6½	0 9½	0 11	0 9	Tailors (Japanese garments).
1 1	1 4½	1 2½	1 5	1 2½	Tailors (European garments).
0 5½	0 10	0 6½	0 7½	0 7½	Agricultural day labourers.
0 8½	1 1	0 10	1 0½	0 11½	Gardeners.
0 9½	1 5	0 11	1 0½	0 11	Tea preparation workmen.
0 6½	...	0 7	1 5½	0 9½	Varnish (lacquer) collectors.

Statistical Office of the Japanese Imperial Cabinet. Where no figures are stated is not given in the source.

## VARIOUS

TABLE 58.—AVERAGE DAILY WAGES in VARIOUS

Occupation.	Average Daily					
	1887.	1892.	1894.		1895.	
	Japan as a whole.	Japan as a whole.	Tokio.	Japan as a whole.	Tokio.	
<b>Male—continued.</b>	<i>d.</i>	<i>d.</i>	<i>s. d.</i>	<i>d.</i>	<i>s. d.</i>	
Oil pressers ... ..	8½	9	0 10	7	0 11½	
Silkworm rearers ... ..	7½	7½	0 4½	5½	0 5	
Fishermen ... ..	...	...	0 8½	6½	0 8½	
Compositors ... ..	11½	10	1 0½	7½	1 0½	
Pressmen ... ..	8½	9½	0 10	7	0 11½	
Paper makers ... ..	...	...	0 7½	5½	0 7½	
Sawyers ... ..	9½	10½	1 1½	8½	1 0½	
Cabinet makers ... ..	9½	10½	0 11½	8½	1 0½	
Lacquer goods makers ...	9½	10½	1 7	8½	1 8½	
Wheelwrights ... ..	...	...	1 1½	8	0 11	
Coopers ... ..	...	...	1 3	7½	1 0½	
Ship carpenters ... ..	10½	11½	1 4½	9	1 4½	
Pottery workers ... ..	9½	10½	0 10	6½	...	
Brick makers ... ..	...	...	1 5½	11	1 7	
Tobacco cutters ... ..	8½	9½	0 10	7½	1 2	
Matmakers ... ..	10	10½	0 10	8½	1 2½	
Saddlers and harness makers	...	...	1 7	8½	1 3½	
Purse, pouch, &c., makers	...	...	1 5½	7½	1 0½	
General labourers ... ..	7½	7½	0 9½	6	0 8½	
<b>Female.</b>						
Silk spinners ... ..	5½	5½	0 3	4½	0 3	
Silk weavers ... ..	3½	3½	0 3½	3½	0 3½	
Silk worm rearers ... ..	3½	4½	0 4	3½	0 4	
Agricultural day labourers	5	5½	0 3½	3½	0 3½	



OCCUPATIONS—*continued.*OCCUPATIONS in JAPAN—*continued.*

Wages in					Occupation.
1895.		1896.		1897.	
Japan as a whole.	Tokio.	Japan as a whole.	Tokio.	Japan as a whole.	
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<b>Male—continued.</b>
0 7½	0 11½	0 8	0 11½	0 9	Oil pressers.
0 6	0 6	0 7	0 6½	0 8	Silkworm rearers.
0 7½	0 10½	0 8½	0 9½	0 9½	Fishermen.
0 8½	1 1	0 8½	0 10½	0 8½	Compositors.
0 7½	1 5	0 8½	0 9½	0 8½	Pressmen.
0 5½	0 10½	0 6½	0 9½	0 8½	Paper makers.
0 9½	1 3½	0 11	1 1½	1 0½	Sawyers.
0 8½	1 2½	0 10½	0 11	0 11	Cabinet makers.
0 8½	1 7½	0 10	1 0½	0 11	Lacquer goods makers.
0 8½	0 11½	0 9½	0 11	0 10	Wheelwrights.
0 7½	1 1½	0 9	1 0½	0 9½	Coopers.
0 9½	1 6½	0 11½	1 3½	1 0½	Ship carpenters.
0 6½	...	0 8½	...	0 9½	Pottery workers.
1 0	1 5	1 0	1 5	1 1½	Brickmakers.
0 7½	1 1	0 8½	0 11½	0 10½	Tobacco cutters.
0 8½	1 5	0 10	1 1	0 10½	Matmakers.
0 9	1 3½	0 10½	1 1½	0 11½	Saddlers and harness makers.
0 8½	1 1	0 8½	1 2½	0 10	Purse, pouch, &c., makers.
0 6½	0 6½	0 7½	0 9½	0 8½	General labourers.
					<b>Female.</b>
0 4½	0 4	0 5½	0 5	0 5½	Silk spinners.
0 3½	0 4	0 4½	0 4	0 4½	Silk weavers.
0 3½	0 4½	0 4½	0 5	0 4½	Silkworm rearers.
0 3½	0 4½	0 4½	0 5	0 5	Agricultural day labourers.



---

**HOURS OF LABOUR.**

---

HOURS OF LABOUR IN NORWAY.

BOOK PRINTERS.(a)

TABLE 59.—NUMBER of HOURS worked as a REGULAR WORKING DAY (*Intervals Excluded*) by WORKPEOPLE employed in BOOK PRINTING OFFICES in the VESTLAND and NORDENFJELD FACTORY INSPECTION DISTRICT in NORWAY, in 1897.

Length of Regular Working Day (intervals excluded).	Number of Workpeople the Length of whose Regular Working Day (inter- vals excluded) was as shown in Col. 1.	
	Number.	Percentage.
8 hours .. .. .	39	Per cent. 7.17
8½ hours ... .. .	32	5.58
9 hours... .. .	264	49.53
Over 9 hours and under 10 hours ...	180	29.41
10 hours ... .. .	41	7.54
10½ hours ... .. .	8	1.47
Total ... .. .	544	100.00

Average Hours per day for all Workpeople ... 9 hrs. 9 mins.

(a) Compiled from *Aarsberetninger fra Fabrikinspektørerne for 1897*, published by the Norwegian Department of the Interior. Norway is divided into two Factory Inspection Districts, the Vestland and Nordenfjeld District comprising about one-third of the persons employed in factories in the country.

HOURS OF LABOUR IN SWEDEN.

BAKERS.(b)

TABLE 60.—PERCENTAGE PROPORTION of BAKERS in SWEDEN, whose REGULAR WEEKLY WORKING HOURS in 1897 were within the under-mentioned LIMITS.

Weekly Working Hours.	Percentage Proportion of Workpeople employed in Bakeries, whose Regular Weekly Working Hours were within the Limits specified in Col. 1.	
	MALE.	FEMALE.
Hours.	Per cent.	Per cent.
60 and under ... ..	7.4	10.9
Over 60 up to 72 ... ..	34.4	25.0
" 72 " " 84 ... ..	37.0	33.1
" 84 " " 96 ... ..	16.4	25.0
" 96 ... ..	4.8	6.0
Total ... ..	100.0	100.0

(b) Compiled from *Arbetsstatistik I., Undersökning af Bagerierna i Sverige*, prepared for, and under the supervision of the Royal Board of Trade of Sweden by Johan Leffler. The figures include hours worked on Sundays as well as those worked on week-days, but do not include overtime, the exact amount of which can not be stated; a certain amount of overtime is worked, especially in bakeries making white (wheaten) bread for a number of days preceding public holidays. The hours stated are the *gross* working hours, and include all intervals, for meals or rest, of less than 2 hours' duration.

## VARIOUS TRADES.(a)

TABLE 61.—NUMBER OF HOURS WORKED ON ORDINARY WORKING DAYS (*Intervals excluded*) by ADULT WORKPEOPLE (*over the Age of 18 Years*) employed in the undermentioned GROUPS of TRADES in SWEDEN, in 1891.

Group of Trades.	Number of Adult Workpeople (over the age of 18 years) by whom the Number of Hours specified below (intervals excluded) were worked on Ordinary Working Days.						Total.
	8 hours or less.	Over 8 up to 9 hours.	Over 9 up to 10 hours.	Over 10 up to 11 hours.	Over 11 up to 12 hours.	Over 12 hours.	
<b>Building Trades.</b>							
Stone cutting and polishing .. ..	..	..	209	334	334	..	877
Painters' and glaziers' shops .. ..	..	30	488	153	91	13	774
<b>Mining and Quarrying.</b>							
Coal mines .. .. .	289	..	422	916	..	..	1,697
Iron mines .. .. .	702	751	828	163	215	..	2,658
Other metalliferous mines .. .. .	..	39	103	187	..	..	328
Marble and limestone quarries .. ..	..	..	472	14	100	..	586
<b>Metal Trades.</b>							
Blastfurnaces .. .. .	..	..	61	386	74	..	521
Other smelting works .. .. .	..	..	15	386	7	..	408
Manufactured iron and steel works..	12	3	1,117	1,060	381	3	2,476
Engineering works and foundries ..	..	180	5,548	6,173	1,568	..	13,447
Shipbuilding ( <i>all materials</i> ) .. .. .	..	20	2,387	1,058	40	..	3,715
Tin and other plate works .. .. .	..	31	403	258	115	..	807
<b>Textile Trades.</b>							
Spinning and weaving .. .. .	1	33	2,416	4,880	3,601	183	11,114
Dye works .. .. .	..	21	416	610	188	2	1,238
<b>Clothing Trades.</b>							
Boot and shoe making .. .. .	..	1	239	223	64	10	533
Tailoring and shirtmaking .. .. .	..	2	456	104	98	6	661
Hat and cap making .. .. .	..	2	318	253	1	..	609
<b>Printing and Paper Trades.</b>							
Printing .. .. .	13	39	1,223	822	39	10	2,152
Bookbinding .. .. .	..	14	368	133	3	..	518
Pulp making .. .. .	..	4	40	69	262	..	395
Paper mills .. .. .	..	4	172	1,089	112	68	1,445
<b>Woodworking Trades.</b>							
Sawmills .. .. .	6	266	3,435	3,412	5,204	49	12,432
Cut timber yards .. .. .	6	..	940	250	1,335	..	2,531
Joinery and planing works .. .. .	3	..	1,377	1,504	1,104	12	4,064
Bobbin, boot and shoe peg and cork manufacture.	..	..	222	452	76	..	750
<b>Chemical Trades.</b>							
Match making .. .. .	..	..	545	2,064	333	..	2,941
Coal briquette and peat factories ..	..	..	86	250	215	..	550
<b>Glass, Pottery, &amp;c., Trades.</b>							
Glass works .. .. .	164	473	141	..	132	..	810
Porcelain manufacture .. .. .	..	..	4	1,467	..	..	1,471
Stove-tile and stone vessel manufacture.	..	..	135	237	407	..	769
Lime burning and cement making ..	43	..	583	271	586	..	1,432
Brickmaking .. .. .	20	338	1,093	1,707	874	141	4,173
<b>Food and Tobacco Trades.</b>							
Milling .. .. .	3	10	90	173	640	104	1,099
Baking .. .. .	..	19	55	84	69	58	205
Dairy-fog .. .. .	98	79	132	104	130	6	544
Brewing .. .. .	12	8	703	878	1,360	483	3,344
Distilling .. .. .	..	9	135	87	155	28	414
Sugar and chocolate manufacture ..	..	..	59	383	563	..	1,005
Tobacco manufacture .. .. .	..	47	1,832	262	5	..	2,138
<b>Leather Trades.</b>							
Tanning and leather dressing .. ..	2	5	218	883	43	..	1,151

(a) Compiled from the Report of the Royal Commission on Child Labour (*Betänksande afseend den 11 Mars 1892 af Komittén för Revision af Föreskrifterna den 18 November 1881, angående Minder-åriges Antändande i Arbete vid Fabrik, Handverk eller annan Handtering, M. M. 1892*). The figures relate to the hours worked on ordinary week-days, to the exclusion of any days (*e.g.*, Saturdays) on which less than the usual number of hours was worked.

## HOURS OF LABOUR IN DENMARK.

AT COPENHAGEN.<sup>(a)</sup>TABLE 62.—LENGTH of the REGULAR WORKING DAY (*Intervals and Overtime excluded*) in certain TRADES at COPENHAGEN.

Trade.		LENGTH OF WORKING DAY.			
		1892.		1898.	
BUILDING TRADES.		HRS. MINS.		HRS. MINS.	
Masons and bricklayers	{ Jan. and Dec. ... ..	7	30	7	0
	{ Feb. and Nov. ... ..	9	0	8	30
	{ Mar. and Oct. ... ..	9	30	9	0
	{ Apr. to Sept. ... ..	10	0	10	0
Stonecutters (marble and sandstone) ... ..		...	...	9	0 (b)
Granite cutters ... ..		...	...	about 9	0 (b)
Paviors	{ Jan. and Dec. ... ..	...	...	7	30
	{ Feb. and Nov. ... ..	...	...	8	30
	{ Mar. and Oct. ... ..	...	...	9	0
	{ Apr. to Sept. ... ..	...	...	10	0
Navvies (including excavators, concreters, &c.)	{ Jan. and Dec. ... ..	...	...	7	30
	{ Feb. and Nov. ... ..	...	...	8	30
	{ Mar. and Oct. ... ..	...	...	9	0
	{ Apr. to Sept. ... ..	...	...	10	0
House cleaners	{ day work ... ..	...	...	10	0
	{ night work ... ..	...	...	8	0
Carpenters	{ Jan. and Dec. ... ..	...	...	7	30
	{ Feb. and Nov. ... ..	...	...	8	30
	{ Mar. and Oct. ... ..	...	...	9	0
	{ Apr. to Sept. ... ..	...	...	10	0
Joiners:—		...	...	...	...
On jobs	{ Jan. and Dec. ... ..	...	...	7	0
	{ Feb., Mar., Oct. and Nov. ... ..	...	...	8	30
	{ Apr. to Sept. ... ..	...	...	9	30
In builders' yards ... ..		...	...	9	30
Roofers ... ..		...	...	10	0
Asphalters ... ..		...	...	10	0
Plasterers ... ..		10	0	10	0 (c)
Painters	{ Jan. and Dec. ... ..	...	...	7	0
	{ Feb. and Nov. ... ..	...	...	7	30
	{ Mar. and Oct. ... ..	...	...	9	0
	{ Apr. to Sept. ... ..	...	...	9	30
Glaziers ... ..		10 hrs. to 10 hrs. 30 min.		10	0

(a) Compiled from Reports published by the Municipality of Copenhagen (*Arbejdslonnen i København i Aaret 1892*, and the similar Report for 1898).

(b) Average for year: 10 hours in 6 summer months, less in winter.

(c) On building jobs in winter, 8 hours.

TABLE 62.—LENGTH of the REGULAR WORKING DAY (*Intervals and Overtime excluded*) in certain TRADES at COPENHAGEN—*continued.*

Trade.	LENGTH OF WORKING DAY.	
	1892.	1898.
METAL, ENGINEERING AND SHIP-BUILDING TRADES.	HRS. MINS.	HRS. MINS.
Pattern making ... ..	10 30	10 30
Moulders ... ..	10 30 (a)	10 hrs. to 10 hrs. 30 min.
Smiths (heavy work) ... ..	10 30	10 0
Smiths (light work) ... ..	10 hrs. to 10 hrs. 30 min.	10 0
Braziers ... ..	10 hrs. to 10 hrs. 30 min.	...
Coppersmiths ... ..	10 hrs. to 10 hrs. 30 min.	10 hrs. to 10 hrs. 30 min.
Tinsmiths (including { summer ... .. plumbers } winter ... ..	... .. ... ..	10 0 8 30
Tinware makers (factories) ... ..	10 hrs. to 10 hrs. 30 min.	10 0
Machinists ... ..	... ..	10 0
Stove fitters... ..	10 hrs. to 10 hrs. 30 min.	...
File cutters ... ..	9 hrs. to 9 hrs. 30 min.	...
Electric installation works ... ..	... ..	10 hrs. to 10 hrs. 30 min.
Telephone work ... ..	9 30	9 hrs. to 9 hrs. 30 min.
Instrument making ... ..	9 30	9 0 (b)
Gold and silversmiths ... ..	10 hrs. to 10 hrs. 30 min.	10 0 (c)
Electro-plate workers ... ..	... ..	9 hrs. 30 min. to 10 hrs.
Clock and watch-makers ... ..	9 hrs. 30 min. to 10 hrs.	10 hrs. to 10 hrs. 30 min.
Sail, flag and compass making ... ..	10 0	... ..
Shipbuilding yards ... ..	... ..	10 0 (d)
TEXTILE TRADES.		
Cotton weavers ... ..	... ..	10 hrs. to 10 hrs. 30 min.
Woollen weavers ... ..	... ..	10 hrs. 15 min. to 10 hrs. 30 min.
Dyeing ... ..	10 hrs. to 10 hrs. 30 min.	10 0
Trimming manufacture { men ... .. women ... ..	10 0 9 hrs. to 10 hrs.	9 hrs. 30 min. to 10 hrs.
Ropemaking ... ..	10 0	10 0
CLOTHING TRADES.		
Boot factories { summer ... .. winter ... ..	... .. ... ..	10 0 9 30
Wooden shoe manufacture ... ..	... ..	10 0
Tailoring factories... ..	10 30	10 0 (e)
Straw hat making { men ... .. women ... ..	about 9 hrs. 30 min. ... ..	10 0 (f) 8 0 (g)
Hatmaking (other) ... ..	10 hrs. to 11 hrs.	(g)
Glovemaking { men ... .. women ... ..	... .. ... ..	9 hrs. 30 min. to 10 hrs. 9 30

(c) Goldsmiths.

(c) Men.

(c) Men. (f) Straw and ladies' hat making.

(g) Skills

(f) Straw and ladies' hat making.

(g) Skilled workmen 12 to 13 hours, less intervals of 2 to 2½ hours; unskilled workmen 14 hours, and women 11 hours, with similar intervals.

AT COPENHAGEN—*continued.*TABLE 62.—LENGTH of the REGULAR WORKING DAY (*Intervals and Overtime excluded*) in certain TRADES at COPENHAGEN—*continued.*

Trade.		LENGTH OF WORKING DAY.			
		1892.		1898.	
TRANSPORT.		HRS. MINS.		HRS. MINS.	
Dock labourers	{ Apr. to Oct. ... ..	...	...	10	0
	{ rest of year ... ..	...	...	9	0
Coal porters ...	{ Apr. to Sept. ... ..	...	...	10	0
	{ rest of year ... ..	...	...	8	0
AGRICULTURAL LABOUR.					
Gardeners ...	{ spring and summer ...	11	0 (a)	{	10 30
	{ autumn and winter ...	8	30 (a)		
PRINTING, PAPER, AND ALLIED TRADES.					
Compositors (newspaper)...	... ..	...	...	8	0
	(other) ... ..	...	...	9	30
Pressmen ...	... ..	...	...	about 9	15
Lithographers ...	... ..	...	...	9	30
Bookbinders ...	... ..	10	0	9	30
Paper staining	{ summer ... ..	...	...	10	0
	{ winter ... ..	...	...	9	0
WOODWORKING AND FURNISHING TRADES.					
Sawmills and machine joinery ...	... ..	10	30	9 hrs. 30 min. to 10 hrs.	
Coopering ...	... ..	10 hrs. to 10 hrs. 15 min.		...	
Wood turners ...	... ..	10 hrs. to 10 hrs. 30 min.		9 hrs. to 10 hrs.	
Turners (fine work) ...	... ..	10 hrs. to 10 hrs. 30 min.		10 0	
Upholsterers	{ men ... ..	10	0	10	0
	{ women ... ..	6 hrs. to 8 hrs.		10	0
Wood carvers ...	... ..	...		9 hrs. to 9 hrs. 30 min.	
Gilders ...	... ..	...		10 0	
Coach and cart building ...	... ..	10	30	10 0	
Pianoforte manufacture ...	... ..	...		9 0	
CHEMICAL TRADES.					
Coke and salt works ...	... ..	...		10 0	
Petroleum works ...	{ Mar. to Nov. ... ..	...		10 0	
	{ rest of year ... ..	...		9 30	
Match making ...	... ..	9 hrs. 45 min. to 10 hrs. 30 min.		10 0	
GLASS, POTTERY, &c., TRADES.					
Glass making	{ White glass ... ..	...		9 0	
	{ Green glass ... ..	...		8 15	
	{ Other glass ... ..	...		10 0	
Pottery ...	... ..	10	30	10 0	
Terra-cotta manufacture	{ journeymen ... ..	7	30	8 0	
	{ labourers ... ..	11	0	10 0	
	{ women ... ..	7	30	8 0	

(a) Market gardeners



AT COPENHAGEN—*continued*.TABLE 62.—LENGTH of the REGULAR WORKING DAY (*Intervals and Overtime excluded*) in certain TRADES at COPENHAGEN—*continued*.

Trade.	LENGTH OF WORKING DAY.	
	1892.	1898.
<b>GLASS, POTTERY, &amp;c., TRADES—<i>cont.</i></b>	<b>HRS. MINS.</b>	<b>HRS. MINS.</b>
Brick and tile making ... ..	...	about 9 30 (a)
Porcelain manufacture: labourers ...	10 hrs. to 11 hrs.	...
Falence manufacture ... ..	...	9 hrs. to 9 hrs. 30 min.
Lime works ... ..	...	8 hrs. to 10 hrs.
<b>FOOD AND TOBACCO TRADES.</b>		
Milling ... ..	about 10 hrs. to 11 hrs.	10 0
Baking ... ..	...	9 30
Confectionery manufacture ... ..	about 10 hrs.	about 10 hrs. 30 min
Sweetmeat manufacture ... ..	...	9 hrs. 30 min. to 10 hrs.
Slaughter-house workmen ... ..	...	10 0
Sausage manufacture ... ..	...	10 hrs. to 10 hrs. 30 min.
Brewing ... ..	10 30	9 hrs. 30 min. to 10 hrs.
Brandy distilling ... ..	...	10 hrs. to 10 hrs. 30 min.
Mineral water manufacture ... ..	...	10 hrs. to 10 hrs. 30 min.
Chicory manufacture { men ... ..	...	10 0
women ... ..	...	9 hrs. 30 min. to 10 hrs.
Sugar refining ... ..	10 hrs. to 10 hrs. 30 min.	10 hrs. to 10 hrs. 30 min.
Jam factories ... ..	...	10 30
Sugar manufacture ... ..	...	8 hrs. 30 min. to 9 hrs
Tobacco manufacture ... ..	...	10 0
<b>GAS WORKS.</b>		
Gas workers { skilled workmen ...	10 0	...
labourers ...	10 0	10 0
<b>WORKERS IN FIBRE, CANE, &amp;c.</b>		
Basket making ... ..	...	10 0
Brush making ... ..	...	10 0
<b>LEATHER AND FUR TRADES.</b>		
Tanners (including chamois dressers) ...	10 30	10 0
Furriers { men ... ..	10 30	} 9 hrs. to 10 hrs. (b)
women ... ..	9 30	
Saddlers ... ..	...	10 0
<b>OTHER TRADES.</b>		
Oilcloth manufacture (women) ...	...	9 0
Gut cleaning ... ..	...	10 hrs. to 11 hrs.
Oork cutting ... ..	...	9 hrs. 30 min. to 10 hrs. 30 min.
Steam laundries ... ..	...	10 0
Stokers ... ..	...	10 0
<b>GOVERNMENT EMPLOYEES.</b>		
State railway workshops ... ..	...	10 0

(a) Average for year: 10 hrs. for 8 months, 8 to 9 hrs. for rest of year.

(b) In factories, 9 hrs.; in workshops of chamber masters, 10 hrs.

## GOVERNMENT WORKMEN.(a)

TABLE 63.—HOURS of LABOUR of WORKMEN in certain TRADES employed by the DANISH GOVERNMENT, in 1896.(b)

Trade.	Number of Workmen whose Daily Hours of Labour were										Total.
	Under 7½.	7½.	8.	8½.	9.	9½.	10.	10½.	Over 10½.		
Carpenters ... ..	...	...	...	15	4	...	...	14	...	33	
Joiners ... ..	...	...	...	55	1	...	...	1	1	58	
Woodworkers ... ..	...	...	...	...	...	...	26	...	...	26	
Machinists ... ..	...	...	...	237	...	...	44	...	5	286	
Ironworkers ... ..	...	...	...	2	...	...	142	...	...	144	
Blacksmiths ... ..	...	...	...	23	2	...	...	...	...	25	
Ordnance Works ... ..	...	...	...	17	...	...	...	...	...	17	
Torpedo Works ... ..	...	...	...	93	...	...	...	...	...	93	
Telegraph Works ... ..	...	...	...	...	...	...	61	...	33	94	
Shipbuilders ... ..	...	...	...	100	...	...	...	...	...	100	
Sailmakers ... ..	...	...	...	19	3	...	...	...	...	22	
Army Clothing Factory.	...	...	...	...	...	...	...	43	...	43	
Saddlers ... ..	...	...	...	...	...	...	16	...	...	18	
Railway Service :—											
Traffic ... ..	...	...	13	...	...	...	148	...	197	358	
Machines (Workshops)—											
Artisans ... ..											
Stokers ... ..											
Labourers ... ..											
Day labourers ... ..	16	...	41	713	140	38	147	12	35	1,142	

(a) Compiled from *Danmarks Statistik, Statistiske Meddelelser, Fjerde Række, 1ste Bind, 1897*, published by the Danish Government Statistical Office. The table relates to those workmen alone, who are paid only for days on which they actually work, or for labour which they actually perform. Employees receiving weekly or monthly salaries are not included in the figures.

(b) The period to which the figures relate is the month of October, 1896, except in the case of "Railway Service: Machines (Workshops)," the figures as to which relate to the financial year 1895-96.

## HOURS OF LABOUR IN THE GERMAN EMPIRE.

## BAKERS AND CONFECTIONERS.(a)

TABLE 64.—LIMITS of the DAILY HOURS of LABOUR of JOURNEYMEN BAKERS and CONFECTIONERS in the GERMAN EMPIRE, in 1892.

LIMITS OF DAILY HOURS OF LABOUR.								
I.—Normal Hours.		Number of Establishments in which the Normal Hours of Labour of Journeymen were as under :—						
		12 hours or under.	Over 12 up to 14 hours.	Over 14 up to 16 hours.	Over 16 up to 18 hours.	Over 18 hours.	Hours inde- terminate.	
Ordinary bakeries (intervals in- cluded).	2,191	1,176	541	129	28	43		
				(Over 16 hours)				
Day bakeries (intervals ex- cluded).	210	45	14	1		3		
Confectionery works (in- tervals ex- cluded).	265	124	5	...		12		
II.—Overtime.		Number of Establishments in which Overtime was regularly worked by Journeymen on						
		1 or 2 days per week, for		3 or 4 days per week, for		An indeterminate number of days per week, for		Total Number of Establish- ments in which Overtime was regularly worked by Journeymen.
		2 hours or under.	Over 2 hours.	2 hours or under.	Over 2 hours.	2 hours or under.	Over 2 hours.	
Ordinary bakeries.	356	452	38	72	97	113	242	1,370
Day bakeries ...	21	32	3	5	5	13	16	95
Confectionery works.	15	21	...	2	10	15	89	152

(a) Compiled from *Erhebung über die Arbeitszeit in Bäckereien und Konditoreien, 1892*, published by the German Imperial Statistical Office. By "Normal Hours" is meant hours worked by journeymen as a regular working day on *ordinary days* (days other than Saturdays and the eves of festivals); "Overtime" here means time worked (on *ordinary days*) in excess of such normal hours. By "Ordinary Bakeries" is meant bakeries in which night work obtains: by "Day Bakeries," those in which day work prevails. In bakeries in which night work prevails, and which bake more than three times a week, the working hours are (since July, 1896) regulated by law (see *Labour Gazette*, April, 1896, p. 115). The total number of establishments, upon whose returns the figures stated in the table are based, is:—Ordinary Bakeries 4,108; Day Bakeries, 273; Confectionery Works, 406.

## MINERS IN PRUSSIA.(a)

TABLE 65.—NUMBER OF HOURS worked in ONE SHIFT (*Bank to Bank, all Pouses included*) by MINERS in COAL, LIGNITE and METALLIFEROUS MINES in PRUSSIA.

District	UNDERGROUND.					
	Hewers and Trammers.			Other Underground Workmen.		
	1897.	1898.	1899.	1897.	1898.	1899.
<b>Coal Mines.</b>						
Upper Silesia :—						
Number employed .. ..	33,234	34,845	36,460	7,999	8,195	8,763
Hours worked .. ..	8-12 (average 10'4)	8-12 (average 10'5)	8-12 (average 10'5)	8-12 (average 10'8)	8-12 (average 10'8)	8-12 (average 10'7)
Lower Silesia :—						
Number employed .. ..	10,330	10,578	10,894	2,786	2,936	3,396
Hours worked .. ..	8-12 (average 9'7)	8-12 (average 9'6)	8-12 (average 9'6)	8-12 (average 9'9)	8-12 (average 9'7)	8-12 (average 9'6)
Dortmund :—						
Number employed .. ..	88,930	96,981	103,707	45,327	49,595	53,947
Hours worked .. ..	6-9(b)	6-9(b)	8-9	6-9(b)	6-9(b)	8-9
Saarbrücken (State Mines) :—						
Number employed .. ..	20,497	21,493	22,911	8,035	8,392	8,687
Hours worked .. ..	9	9	9	9	9	9
Aix-la-Chapelle :—						
Number employed .. ..	5,381	5,738	6,186	1,450	1,463	1,483
Hours worked .. ..	9'5	9'5	9'5	9'5	9'5	9'5
<b>Lignite Mines.</b>						
Halle :—						
Number employed .. ..	9,273	9,683	9,587	1,611	1,634	1,661
Hours worked .. ..	11'6	11'4	11'5	11'6	11'5	11'5
<b>Metalliferous Mines.</b>						
Harz (State Mines) :—						
Number employed .. ..	1,627	1,602	1,468	444	437	429
Hours worked .. ..	10'5	10'5	10'5	11'1	11'1	11'1
Siegen-Nassau :—						
Number employed .. ..	14,420	13,874	13,409	739	707	773
Hours worked .. ..	8'5	8'5	8'4	9'1	9'1	9'1
Other Rhenish Districts, Right Bank :—						
Number employed .. ..	3,940	3,831	5,094	285	331	329
Hours worked .. ..	8'2	8'2	8'1	8'4	8'6	8'8
Other Rhenish Districts, Left Bank :—						
Number employed .. ..	1,531	1,496	1,635	136	126	145
Hours worked .. ..	9'2	9'2	9'1	10'6	10'6	10'5

(a) Compiled from *Zeitschrift für das Berg-, Hütten- und Salinen-Wesen im Preussischen Staate* (I. *Statistische Lieferung*), published by the Prussian Ministry of Commerce and Industry.  
 (b) It is stated that, in general, the hours worked (exclusive of descent and ascent, which together occupy about 1 hour) are 8 for ordinary, and 9 for specially heavy work.

## MINERS IN PRUSSIA—continued.

TABLE 65.—NUMBER OF HOURS worked in ONE SHIFT (*Bank to Bank, all Pauses included*) by MINERS in COAL LIGNITE, and METALLIFEROUS MINES in PRUSSIA—continued.

Districts.	SURFACE.								
	Men.			Lads and Boys (under 16 years).			Women and Girls.		
	1897.	1898.	1899.	1897.	1898.	1899.	1897.	1898.	1899.
<b>Coal Mines.</b>									
Upper Silesia :—									
Number employed ..	11,128	11,471	11,984	456	510	567	3,699	3,692	3,815
Hours worked ..	8-12 (average 11'2)	8-12 (average 11'1)	8-12 (average 11'1)	8-12 (average 10'3)	8-12 (average 10'2)	8-12 (average 10'2)	8-12 (average 11'0)	8-12 (average 10'9)	8-12 (average 10'9)
Lower Silesia :—									
Number employed ..	4,993	5,184	5,277	474	497	506	263	267	268
Hours worked ..	8-12 (average 10'8)	8-12 (average 10'8)	8-12 (average 10'9)	8-10 (average 9'8)	8-12 (average 9'7)	8-12 (average 9'6)	8-12 (average 10'9)	8-12 (average 11'1)	8-12 (average 11'1)
Dortmund :—									
Number employed ..	31,159	33,379	35,513	5,624	6,018	6,571	..	..	..
Hours worked ..	6-12	6-12	6-12	6-12	6-12	6-12	..	..	..
Saarbrücken (State Mines) :—									
Number employed ..	5,129	5,261	5,507	587	710	844	..	..	..
Hours worked ..	9'5	9'5	9'5	9'5	9'5	9'5	..	..	..
Aix-la-Chapelle :—									
Number employed ..	1,972	1,979	2,007	355	374	367	18	18	19
Hours worked ..	10'7	10'7	10'6	9'2	9'2	9'7	11'0	10'9	10'9
<b>Lignite Mines.</b>									
Halle :—									
Number employed ..	14,150	14,864	15,007	250	290	363	603	680	716
Hours worked ..	11'8	11'8	11'9	11'0	11'4	11'4	11'6	11'7	11'5
<b>Metalliferous Mines.</b>									
Harz (State Mines) :—									
Number employed ..	1,658	1,000	1,085	234	230	196	..	..	..
Hours worked ..	11'5	11'5	11'5	11'0	11'0	11'0	..	..	..
Siegen-Nassau :—									
Number employed ..	3,711	3,574	3,490	1,387	1,316	1,231	424	408	389
Hours worked ..	10'1	10'4	10'2	10'8	10'2	10'2	10'4	10'5	10'4
Other Rhenish Districts, Right Bank :—									
Number employed ..	1,364	1,431	1,615	282	333	434	126	146	180
Hours worked ..	11'8	11'7	11'8	11'6	11'6	11'2	11'6	11'4	11'9
Other Rhenish Districts, Left Bank :—									
Number employed ..	1,579	1,528	1,619	67	90	121	84	66	61
Hours worked ..	11'5	11'4	11'4	10'8	10'6	10'5	10'8	10'9	10'9

STATE RAILWAYS

TABLE 66.—LIMITS of the HOURS of LABOUR in the AUTUMN of 1897(3) fixed on the STATE

Occupation.	No. of Work-people.	Percentage Proportion of Total which was within the			
		8 hrs. or less.	Over 8 up to 10 hrs.	Over 10 up to 12 hrs.	Over 12 up to 13 hrs.
Level-crossing keepers, &c. ...	23,519	Per cent. 2·24	Per cent. 4·83	Per cent. 65·61	Per cent. 12·41
Pointsmen and signalmen ...	20,405	7·93	5·88	68·66	7·63
Telegraphists ... ..	2,975	34·42	20·57	40·64	2·49
Foremen shunters ... ..	2,921	6·47	9·41	77·92	3·87
Carriage and wagon examiners	2,061	2·48	11·98	82·53	1·84
Door-keepers and ticket collectors.	3,976	3·60	15·01	58·98	11·01
Train staff ... ..	26,029	14·22	18·76	37·35	9·68
Locomotive staff ... ..	21,250	19·31	17·53	25·91	12·58
Workshops and storehouse staff	4,852	7·56	52·58	38·13	1·46
Men at stations ... ..	27,321	1·86	14·61	72·40	6·02
Men at goods yards ... ..	13,448	0·74	32·79	53·58	8·71
Men attached to the General Administration.	1,077	25·91	38·90	34·54	0·65
Men in workshops ... ..	42,903	0·09	95·90	3·94	0·07
Permanent-way and telegraph-maintenance men.	63,388	1·17	62·82	35·47	0·44

(a) Compiled from the Official Report for 1896-97 of the Prussian State Railways (*Bericht*

(b) According to a Parliamentary Paper presented to the Prussian House of Representatives the corresponding percentages for the under-mentioned classes of workpeople for the

Occupation.	No. of Work-people.	Percentage Proportion of Total which was within the		
		10 hrs. or less.	Over 10 up to 12 hrs.	Over 12 up to 13 hrs.
Level-crossing keepers, &c. ... ..	20,311	Per cent. 5·89	Per cent. 63·59	Per cent. 12·22
Pointsmen and signalmen .. ..	18,083	8·09	65·27	13·53
Telegraphists .. ..	2,419	41·71	48·62	4·13
Foremen shunters .. ..	1,812	12·14	72·68	9·60
Carriage and wagon examiners...	1,315	8·28	79·38	6·10
Train staff .. ..	21,698	28·97	18·53	9·65
Locomotive staff .. ..	15,632	26·64	19·38	12·80

IN PRUSSIA, 1897.(a)

by the OFFICIAL TIME TABLES for certain CLASSES of WORKPEOPLE employed RAILWAYS in PRUSSIA.

Days worked, the Length of under-mentioned Limits.			Total.	Occupation.
Over 13 up to 14 hrs.	Over 14 up to 15 hrs.	Over 15 up to 16 hrs.		
Per cent. 12·31	Per cent. 1·23	Per cent. 1·37	Per cent. 100·00	Level-crossing keepers, &c.
7·23	1·29	1·38	100·00	Pointsmen and signalmen.
1·11	0·47	0·30	100·00	Telegraphists.
2·33	...	...	100·00	Foremen shunters.
1·17	...	...	100·00	Carriage and wagon examiners.
6·74	2·72	1·99	100·00	Door-keepers and ticket collectors.
8·86	5·72	5·41	100·00	Train staff.
14·74	5·72	4·21	100·00	Locomotive staff.
0·27	...	...	100·00	Workshops and storehouse staff.
2·78	1·24	1·09	100·00	Men at stations.
2·51	1·12	0·55	100·00	Men at goods yards.
...	...	...	100·00	Men attached to the General Administration.
...	...	...	100·00	Men in workshops.
0·10	...	...	100·00	Permanent-way and telegraphs-maintenance men.

über die Ergebnisse des Betriebes der Preussischen Staatsseisenbahnen im Betriebsjahre 1896-97).

tatives (No. 6, Haus der Abgeordneten, 18. Legislaturperiode, V. Session, 1896) the following are year 1892 :—

Days worked, the Length of under-mentioned Limits.		Total.	Occupation.
Over 13 up to 14 hrs.	Over 14 up to 15 hrs.		
Per cent. 13·02	Per cent. 6·28	Per cent. 100·00	Level-crossing keepers, &c.
9·17	4·86	100·00	Pointsmen and signalmen.
3·89	1·85	100·00	Telegraphists.
3·20	2·98	100·00	Foremen shunters.
3·57	3·66	100·00	Carriage and wagon examiners.
10·48	32·07	100·00	Train staff.
15·47	24·71	100·00	Locomotive staff.

## STATE RAILWAYS IN PRUSSIA AND THE

TABLE 67.—LIMITS of the HOURS of LABOUR fixed by the OFFICIAL TIME RAILWAYS of PRUSSIA and the

Occupation.	No. of Work-people.	Percentage Proportion of Total which was within the			
		8 hrs. or less.	Over 8 up to 10 hrs.	Over 10 up to 12 hrs.	Over 12 up to 13 hrs.

AUTUMN,					
Level-crossing keepers, &c. ...	25,648	1·47	3·22	77·63	9·79
Pointsmen and signalmen ...	24,132	11·77	7·66	70·45	6·01
Telegraphists ... ..	3,213	41·08	30·19	28·17	0·34
Foremen shunters ... ..	3,531	34·98	18·01	45·82	0·85
Carriage and wagon examiners	2,227	1·39	22·54	75·53	0·23
Door-keepers and ticket collectors.	4,338	2·81	21·60	67·70	6·11
Train staff ... ..	29,849	12·88	24·04	41·34	7·21
Locomotive staff... ..	24,448	18·10	28·44	25·20	11·03
Workshops and storehouse staff	3,749	9·63	70·47	19·02	0·75
Men at stations ... ..	27,250	12·35	16·85	64·75	4·12
Men at goods yards ... ..	14,768	0·39	33·22	61·31	3·46
Men attached to the General Administration.	962	39·61	40·02	19·33	0·73
Men in workshops ... ..	46,319	0·08	97·60	2·27	0·05
Machinists and running-shed men.	1,286	0·78	17·57	76·90	4·28
Engine cleaners ... ..	8,648	0·51	39·78	58·34	0·37
Permanent-way and telegraph-maintenance men.	66,144	2·71	50·61	46·58	0·10

AUTUMN,					
Level-crossing keepers, &c. ...	25,922	1·07	2·47	73·34	18·29
Pointsmen and signalmen ...	24,955	8·79	8·26	71·36	7·06
Telegraphists ... ..	3,261	39·62	31·03	28·43	0·92
Foremen shunters ... ..	3,622	17·67	19·02	62·26	0·83
Carriage and wagon examiners	2,310	9·87	21·08	77·40	0·30
Door-keepers and ticket collectors.	4,345	2·30	20·09	67·99	7·21
Train staff ... ..	30,230	10·30	17·12	43·96	11·06
Locomotive staff... ..	25,057	15·18	23·16	29·52	14·14
Workshops and storehouse staff	3,732	10·93	68·78	19·37	0·78
Men at stations ... ..	27,137	4·56	18·15	70·28	4·69
Men at goods yards ... ..	15,280	0·27	31·02	62·85	3·96
Men attached to the General Administration.	804	39·30	42·29	17·41	0·75
Men in workshops ... ..	46,841	0·08	96·59	3·19	0·14
Machinists and running-shed men.	1,445	0·83	24·91	70·04	3·60
Engine cleaners ... ..	8,755	0·36	30·93	67·21	0·65
Permanent-way and telegraph-maintenance men.	63,342	2·96	50·61	46·82	0·11

(a) Compiled from the Official Reports of the Associated Prussian and Hessian *Preussischen und Hessischen*



## GRAND-DUCHY OF HESSE, 1898 AND 1899.(a)

TABLES for certain CLASSES of WORKPEOPLE employed on the STATE Grand-Duchy of HESSE.

Days worked, the Length of under-mentioned Limits.			Total.	Occupation.
Over 13 up to 14 hrs.	Over 14 up to 15 hrs.	Over 15 up to 16 hrs.		

---

1898.				
Per cent.	Per cent.	Per cent.	Per cent.	
6·82	0·55	0·53	100·00	Level-crossing keepers, &c.
3·04	0·58	0·49	100·00	Pointsmen and signalmen.
0·06	...	0·16	100·00	Telegraphists.
0·34	...	...	100·00	Foremen shunters.
0·81	...	...	100·00	Carriage and wagon examiners.
1·34	0·19	0·25	100·00	Door-keepers and ticket collectors.
6·22	4·47	3·84	100·00	Train staff.
9·57	4·84	2·82	100·00	Locomotive staff.
0·13	...	...	100·00	Workshops and storehouse staff.
1·39	0·20	0·34	100·00	Men at stations.
0·98	0·47	0·17	100·00	Men at goods yards.
0·21	0·10	...	100·00	Men attached to the General Administration.
...	...	...	100·00	Men in workshops.
0·47	...	...	100·00	Machinists and running-shed men.
0·18	0·52	0·30	100·00	Engine cleaners.
...	...	...	100·00	Permanent-way and telegraphs-maintenance men.

---

1899.				
8·46	0·79	0·58	100·00	Level-crossing keepers, &c.
3·59	0·56	0·38	100·00	Pointsmen and signalmen.
...	...	...	100·00	Telegraphists.
0·22	...	...	100·00	Foremen shunters.
0·35	...	...	100·00	Carriage and wagon examiners.
1·93	0·25	0·23	100·00	Door-keepers and ticket collectors.
7·65	5·32	4·59	100·00	Train staff.
9·92	4·73	3·35	100·00	Locomotive staff.
0·14	...	...	100·00	Workshops and storehouse staff.
1·88	0·20	0·24	100·00	Men at stations.
1·06	0·42	0·42	100·00	Men at goods yards.
0·25	...	...	100·00	Men attached to the General Administration.
...	...	...	100·00	Men in workshops.
0·55	0·07	...	100·00	Machinists and running-shed men.
0·14	0·37	0·34	100·00	Engine cleaners.
...	...	...	100·00	Permanent-way and telegraphs-maintenance men.

State Railways (*Berichte über die Ergebnisse des Betriebes der vereinigten Staatseisenbahnen*).

IN

TABLE 68.—LENGTH of the REGULAR WORKING DAY (*Intervals and*

Group of Trades.	Number of Hours worked as a - Overtime			
	Stuttgart.		Places with more than 5,000 inhabitants.	
	Hrs. 10	Mins. 0	Hrs. 10	Mins. 31
Building trades .. .. .				
Mines, blastfurnaces and other smelting works, and salt works.	10	0	9	55
Metal manufacture .. .. .	9	56	10	7
Engineering, shipbuilding, and instrument, &c., making.	9	56	10	17
Textile trades .. .. .	9	52	10	43
Clothing and cleaning trades .. .. .	10	10	10	31
Printing and allied trades.. .. .	9	15	9	26
Paper trades .. .. .	9	49	10	20
Woodworking trades .. .. .	9	55	10	29
Chemical trades .. .. .	10	5	10	10
Manufacture of candles, fat substances, oil, &c. ..	9	40	10	18
Stone and earth trades .. .. .	11	0	10	39
Food and tobacco trades .. .. .	10	50	10	33
Leather trades .. .. .	9	43	10	42

(a) Compiled from *Württembergische Jahrbücher für Statistik und Landeskunde*, published  
which 21 persons or more are employed. Government

AT THE

TABLE 69.—HOURS of LABOUR of WORKPEOPLE employed

Branch of Dock Labour.	Day Work.	
	Number of Hours constituting a Full Day's Work ( <i>Exclusive of Intervals</i> ).	
	Hrs. Summer	Mins. 0
Ship painters .. .. .	10	0
Ship and boiler cleaners .. .. .	7	30
Wharf labourers .. .. .	10	0
Dock labourers (general discharge and loading) and ware- house workmen.	10	0
Coal trimmers .. .. .	10	0
Corn porters, bushellers, &c. .. .. .	10	30
Lightermen .. .. .	11	30

(b) Compiled from the Report of a Commission appointed by the Hamburg Senate  
*Hafen*, 1898). With respect to the coalies (discharge) it is stated that they begin work  
7-8.30 p.m.), having intervals amounting to 2 hours in day work, and 1 additional hour  
5 or 5.30 a.m. to 6 or 7 p.m., with intervals amounting to 1½-2 hours.

WURTEMBERG. (a)

Overtime excluded) in various GROUPS of TRADES in WURTEMBERG, in 1895.

Regular Working Day (Intervals and excluded) in				Group of Trades.
Places with less than 5,000 inhabitants.		Wurtemberg as a whole.		
Hrs. 10	Mins. 49	Hrs. 10	Mins. 33	Building trades.
9	54	9	54	Mines, blastfurnaces and other smelting works, and salt works.
10	19	10	8	Metal manufacture.
10	20	10	18	Engineering, shipbuilding, and instrument, &c., making.
10	56	10	55	Textile trades.
10	42	10	34	Clothing and cleaning trades.
10	10	9	27	Printing and allied trades.
10	43	10	30	Paper trades.
10	40	10	37	Woodworking trades.
10	9	10	10	Chemical trades.
10	58	10	31	Manufacture of candles, fat substances, oil, &c.
10	30	10	34	Stone and earth trades.
10	20	10	32	Food and tobacco trades.
10	41	10	42	Leather trades.

by the Royal Statistical Office of Wurtemberg. The figures relate to factories, &c., in employees are included, but not distinguished.

HAMBURG DOCKS. (b)

in certain BRANCHES of DOCK LABOUR at HAMBURG, in 1897.

Night Work.		Branch of Dock Labour.
Number of Hours constituting a Full Day's Work (Exclusive of Intervals).		
}	Hrs.    Mins.	
	7            0	Ship painters.
	7½        30	Ship and boiler cleaners.
	8            0	} Wharf labourers.
	9            30	
	9            0	
	Indeterminate	Dock labourers (general discharge and loading) and ware- house workmen. Coal trimmers.
9            30	Corn porters, bushellers, &c.	
..	Lightermen.	

(Bericht der Senate-Commission für die Prüfung der Arbeitsverhältnisse im Hamburger at 5 or 5.30 a.m., and continue at work until the vessel is cleared (usually until if work is carried on after 10 p.m.). The working day of enginemen and stokers is from

## COLOGNE

TABLE 70.—NUMBER of ADULT WORKPEOPLE employed in FACTORIES in the  
(Exclusive of Intervals), the APPROXIMATE

## Hours of Labour of MEN.

Group of Trades.	Number of Workmen who worked as a Regular Working Day (exclusive of intervals),					Total Num- ber of Work- men.
	Under 10 hrs.	10 hrs.	11 hrs.	12 hrs.	Over 12 hrs.	
Building trades ... ..	100	887	502	...	...	1,489
Stone quarrying, clay getting, &c.	...	202	1,222	...	22	1,536
Smelting works (blastfurnaces, &c.).	78	417	8	...	...	503
Rolling mills and forges ...	...	1,489	1,090	96	...	2,615
Iron foundries, &c. ... ..	...	948	245	...	...	1,193
Boiler-making ... ..	...	161	195	...	...	356
Machine making, tool making, &c.	216	5,421	1,745	...	...	7,382
Other metal trades ... ..	92	2,280	2,360	...	...	4,732
Cotton, linen and silk manu- facture.	...	356	982	...	...	1,338
Woollen and worsted manu- facture.	...	348	1,590	271	76	2,285
Jute manufacture ... ..	...	272	262	...	...	534
Other textile trades ... ..	...	156	1,662	89	...	1,907
Clothing trades ... ..	29	130	36	...	...	195
Printing and allied trades ...	683	433	...	...	...	1,116
Paper and paper goods manu- facture.	70	879	213	...	...	1,162
Manufacture of gilt cornices, &c.	33	367	66	...	...	466
Other woodworking trades (and work in bone, ivory, &c.).	409	639	281	...	27	1,356
Manufacture of lead products	...	692	26	...	...	718
Miscellaneous chemical trades	...	1,194	397	30	...	1,621
Gas, fatty and resinous products manufacture (including tar, pitch, tallow, oil, soap, candles, &c.).	30	426	50	...	...	506
Manufacture of explosives ...	...	538	...	...	...	538
China, porcelain and pottery trades.	41	2,359	466	...	...	2,866
Cement works ... ..	...	484	...	...	...	484
Brick and tile, &c., making ...	23	988	1,354	81	904	3,350
Flour milling, paste manu- facture, &c.	...	48	102	...	...	150
Breweries... ..	...	33	304	147	108	592
Sugar manufacture and refineries	156	1,531	...	...	...	1,687
Chocolate and sweet-stuff manu- facture.	...	580	...	...	...	580
Other food preparation trades	45	199	77	...	...	321
Tobacco manufacture ... ..	29	102	31	...	...	162
Leather and leather goods manufacture ... ..	5	217	151	30	...	403
Rubber and rubber goods manu- facture.	...	257	41	...	...	298

(a) Compiled from *Jahresberichte der Königlich Preussischen*

## DISTRICT. (a)

DISTRICT of COLOGNE, who worked in 1895, as a REGULAR WORKING DAY  
NUMBER of HOURS stated below :—

Hours of Labour of WOMEN.				
Group of Trades.	Number of Workwomen who worked, as a Regular Working Day (exclusive of intervals),			Total Number of Workwomen.
	Under 10 hours.	10 Hours.	11 Hours.	
Iron foundries, &c. ... ..	...	13	...	13
Machine making, tool making, &c.	63	1	...	64
Other metal trades ... ..	7	76	125	208
Cotton, linen and silk manufacture	...	372	1,411	1,783
Woollen and worsted manufacture	...	415	1,307	1,722
Jute manufacture ... ..	...	274	271	545
Other textile trades ... ..	42	206	487	735
Clothing trades ... ..	193	499	109	801
Printing and allied trades ... ..	52	113	...	165
Paper and paper goods manufacture	...	526	56	582
Manufacture of gilt cornices, &c....	...	58	1	59
Other woodworking trades (and work in bone, ivory, &c.).	13	124	46	183
Miscellaneous chemical trades ...	...	72	40	112
Manufacture of explosives ... ..	...	55	...	55
China, porcelain and pottery trades	...	320	10	330
Brick and tile, &c., making ... ..	...	79	85	164
Breweries ... ..	...	15	1	16
Sugar manufacture and refineries	...	75	158	233
Chocolate and sweet-stuff manufacture.	...	54	...	54
Other food preparation trades ...	...	75	...	75
Tobacco manufacture ... ..	17	111	26	154
Leather and leather goods manufacture.	7	17	3	27
Rubber and rubber goods manufacture.	...	93	49	142

*Regierungs- und Gewerbe- und Bergbehörden für 1895.*

## HOURS OF LABOUR

## FACTORIES AND

TABLE 71.—NUMBER of ESTABLISHMENTS, in which the NUMBER of HOURS worked in the NUMBER of WORKPEOPLE employed in certain GROUPS of TRADES

Group of Trades.	9 Hours or less.		Over 9 and up to 10 Hours.		Over 10 and up to 11 Hours.	
	No. of Establishments.	No. of Workpeople.	No. of Establishments.	No. of Workpeople.	No. of Establishments.	No. of Workpeople.
Building trades ... ..	3	59	5	107	11	205
Sculpture and art work ...	...	...	...	...	4	78
Mining, &c., including turf-getting and salt works.	1	307	5	84	9	154
Metal trades ... ..	3	33	11	376	51	1,882
Manufacture of machines, tools, &c.	2	634	21	2,908	41	2,459
Textile trades ... ..	29	682	40	1,929	138	15,428
Clothing trades ... ..	11	142	32	1,091	42	1,047
Printing and allied trades ...	9	403	82	2,645	103	2,399
Paper, &c., trades ... ..	2	116	23	1,566	20	606
Woodworking trades ... ..	5	62	36	749	79	1,874
Shipbuilding, coachbuilding, &c.	1	37	11	856	15	1,436
Chemical trades ... ..	5	71	10	399	26	766
Work in earth, stone, &c. (including glassworks).	7	236	35	5,562	60	2,318
Food and tobacco trades ...	16	462	116	7,293	288	10,445
Gasworks, oilworks, &c. . .	2	18	17	1,155	37	1,188
Leather and leather cloth, &c., trades.	...	...	2	25	11	180

(a) Compiled from *Verslagen van de Inspecteurs van den Arbeid in het Koninkrijk der*  
figures given in this table are based upon a special inquiry particularly directed to  
which mechanical

## IN HOLLAND.

## WORKSHOPS, 1888-89(a).

BUSY SEASON, as a REGULAR DAY'S WORK (*Exclusive of Intervals*), by the under-mentioned in HOLLAND, in the Years 1888-89, was as stated below :—

Over 11 and up to 12 Hours.		Over 12 and up to 13 Hours.		Over 13 Hours or Hours Indeterminate.		Total.		Group of Trades.
No. of Establishments.	No. of Work-people.	No. of Establishments.	No. of Work-people.	No. of Establishments.	No. of Work-people.	No. of Establishments.	No. of Work-people.	
34	657	40	859	4	51	97	1,938	Building trades.
6	172	1	16	...	...	11	266	Sculpture and art work.
10	252	3	33	4	34	32	864	Mining, &c., including turf-getting and salt works.
102	3,687	31	727	1	20	199	6,725	Metal trades.
50	3,103	15	475	6	29	135	9,608	Manufacture of machines, tools, &c.
118	7,123	68	2,218	27	1,130	420	28,510	Textile trades.
73	1,265	62	932	11	200	231	4,677	Clothing trades.
44	1,278	4	67	1	4	243	6,796	Printing and allied trades.
20	442	2	24	2	27	69	2,781	Paper, &c., trades.
124	3,325	70	1,352	15	217	329	7,579	Woodworking trades.
35	3,719	13	1,428	7	107	82	7,583	Shipbuilding, coach-building, &c.
12	970	3	60	6	57	62	2,323	Chemical trades.
132	10,240	44	1,201	56	942	384	20,499	Work in earth, stone, &c. (including glass-works).
296	9,414	94	2,000	44	686	854	30,300	Food and tobacco trades.
64	2,392	11	147	19	156	150	5,056	Gasworks, oilworks, &c.
24	370	3	37	1	6	41	618	Leather and leather cloth, &c., trades.

*Nederlandsen*, published by the Dutch Ministry of Dykes, Commerce and Industry. The factories and workshops in which more than ten persons were employed or in power was used.

## FACTORIES AND

TABLE 72.—NUMBER of ESTABLISHMENTS inspected by the FACTORY  
REGULAR DAY'S WORK (*Exclusive of Intervals*), by the WORKPEOPLE  
was as stated below :—

Group of Trades.	WOMEN, YOUNG PERSONS AND CHILDREN.			
	Number of Establishments in which the Working Day was			Total Number of Establish- ments inspected.
	9 hours or less.	Over 9 up to 10 hours.	Over 10 up to 11 hours.	
Building trades ... ..	12	75	284	371
Sculpture and art work...	3	4	13	20
Mining, etc., including turf getting and salt works.	2	6	9	17
Metal trades ... ..	17	169	490	676
Manufacture of machines, tools, etc.	4	28	97	129
Textile trades ... ..	10	61	206	277
Clothing trades ... ..	341	319	663	1,323
Printing and allied trades	36	197	126	359
Paper, etc., trades ...	6	24	34	64
Woodworking trades ...	15	105	306	426
Shipbuilding, coach- building, etc.	7	30	116	153
Chemical trades ... ..	1	11	18	30
Work in earth, stone, etc. (including glass works).	21	61	257	339
Food and tobacco trades	379	423	974	1,776
Gasworks, oilworks, etc.	3	14	25	42
Leather and leather cloth, etc., trades.	...	6	30	36

(a) Compiled from the source stated



**WORKSHOPS, 1897-98.(a)**

INSPECTORS, in which the NUMBER of HOURS worked in the SUMMER, as a. employed in certain GROUPS of TRADES in HOLLAND, in the Years 1897-98

MEN (16 years and upwards).							Total No. of Estab- lish- ments inspec- ted.	Group of Trades.
Number of Establishments in which the Working Day was								
9 hours or less.	Over 9 up to 10 hours.	Over 10 up to 11 hours.	Over 11 up to 12 hours.	Over 12 up to 13 hours.	Over 13 hours.			
6	17	130	178	128	18	477	Building trades.	
...	3	11	4	3	1	22	Sculpture and art work.	
1	5	11	8	2	2	29	Mining, etc., in- cluding turf getting and salt work.	
5	43	236	331	171	23	809	Metal trades.	
2	25	76	68	8	1	180	Manufacture of machines, tools, etc.	
3	37	143	64	26	1	274	Textile trades.	
17	61	250	146	139	75	688	Clothing trades.	
21	159	181	35	4	2	402	Printing and allied trades.	
4	8	30	24	2	...	68	Paper, etc., trades.	
10	42	164	202	152	29	599	Woodworking trades.	
2	7	47	73	45	12	186	Shipbuilding coachbuilding etc.	
2	19	27	15	2	...	65	Chemical trades.	
16	56	193	62	27	46	405	Work in earth, stone, etc. (in- cluding glass works).	
1,116	635	1,096	1,080	663	932	5,522	Food and tobacco trades.	
6	30	34	48	4	7	129	Gasworks, oil- works, etc.	
...	3	26	18	5	3	55	Leather and leather cloth, etc., trades.	

in footnote on pp. 145, 146, *ante*.

GOVERNMENT CONTRACTS.(a)

TABLE 73.—NUMBER of HOURS WORKED per DAY (ALL PAUSES INCLUDED) by WORKPEOPLE employed (otherwise than under Sub-contracts or on Piece-work or Task-work) on GOVERNMENT CONTRACTS in HOLLAND, in 1894.

Number of Hours worked per Day (all Pauses included).	I.—NUMBER of cases (b) of Employment at Working Hours specified in Col. 1.	
	Works other than Dredging.	Dredging Works.
8 hours or under ...	2,239	185
Over 8 and up to 9 hours	3,388	397
" 9 " " 10 "	7,235	869
" 10 " " 11 "	13,723	807
" 11 " " 12 "	20,518	2,788
" 12 " " 13 "	2,284	1,059
" 13 " " 14 "	402	2,126
" 14 hours ...	107	2,326
Total ...	49,896	10,557

Number of Hours worked per Day (all Pauses included).	II.—PERCENTAGE of cases (b) of Employment at Working Hours specified in Col. 1.	
	Works other than Dredging.	Dredging Works.
8 hours or under ...	Per cent. 4·49	Per cent. 1·75
Over 8 and up to 9 hours	6·79	3·76
" 9 " " 10 "	14·50	8·23
" 10 " " 11 "	27·50	7·65
" 11 " " 12 "	41·12	26·41
" 12 " " 13 "	4·58	10·03
" 13 " " 14 "	0·81	20·14
" 14 hours ...	0·21	22·03
Total ...	100·00	100·00

(a) Compiled from *Bijdragen tot de Statistiek van Nederland, III., Overzicht betreffende de Loonen en den Arbeidsduur bij Rijnwerken in 1894*, published by the Dutch Central Statistical Commission.

(b) i.e., *instans*; every person employed at any given working hours during the whole or part of any one month in the year counts as one "case." Thus, any particular workman employed on a Government contract for 9 months at, say, 10½ hours, and then for 3 months at, say, 10 hours, would count as 9 "cases" of employment at 10½ hours, and three "cases" of employment at 10 hours.

## HOURS OF LABOUR IN BELGIUM.

## CERTAIN INDUSTRIAL CENTRES.(a)

TABLE 74.—AVERAGE NUMBER of HOURS WORKED per DAY by various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891.

Occupation.	Average Number of Hours worked per Day.	Occupation.	Average Number of Hours worked per Day.
<b>Metal Trades.</b>	<b>Hrs. Mins.</b>	<b>Metal Trades—cont.</b>	<b>Hrs. Mins.</b>
<i>Manufactured Iron Trade—Steel-making and Engineering: Seraing.</i>		<i>Engineering, etc.: Liège.</i>	
All classes of workpeople...	10 20	Coppersmiths ... ..	10 30
<i>Engineering: Brussels.</i>		Smiths ... ..	10 0
All classes of workpeople...	10 0	Smiths' helpers and strikers ... ..	to
<i>Zinc Works: Seraing.</i>		Turners ... ..	10 30
Furnace labourers ... ..	7 0	Enginemmen ... ..	10 0
Fillers ... ..	12 0	All other workpeople ... ..	
Gangers ... ..	10 0	<i>Electrical Engineering: Brussels.</i>	
Furnacemen ... ..		All classes of workpeople...	10 0
Yard labourers ... ..		<i>Bronze Work, Jewellery and Gas Fittings, etc.: Liège.</i>	
<i>Untinning Tinplates: Brussels.</i>		All classes of workpeople...	11 0
Foremen ... ..	10 45	<i>Jewellery, Watch and Clock-making, etc.: Brussels.</i>	
Furnacemen ... ..	11 0	Goldsmiths ... ..	10 0
Men at chlorine machines...		Watch and clockmakers and chasers.	
Men at untinning machines		<b>Textile Trades.</b>	
Tin sorters ... ..		<i>Cotton Spinning: Ghent.</i>	
Iron sorters ... ..		Grinders and grinders' helpers and labourers.	12 0
All other workpeople ... ..		All other classes of workpeople.	11 30
<i>Bolt, etc., Making: Gilly.</i>		<i>Cotton Weaving: Ghent.</i>	
Enginemmen ... ..	12 0	Sizers, assistant sizers, drawers-in, assistant drawers-in and their apprentices, and weft winders.	11 0
All other workpeople ... ..	11 0	Warp winders ... ..	10 0
<i>Chain and Bolt, etc., Making: Jumet.</i>		Warpers ... ..	9 0
Smiths ... ..	10 30	Warehousemen ... ..	10 30
Smiths' helpers ... ..		Stokers ... ..	12 30
Chainmakers ... ..		All other classes of workpeople.	11 30
Boltmakers ... ..			
All other workpeople ... ..			
<i>Gun, etc., Manufacture: Liège.</i>			
Examiners (on premises of manufacturer).	10 0		
All other workpeople ... ..	12 0		

(a) Compiled from *Salaires et Budgets Ouvriers en Belgique au Mois d'Avril 1891*, published by the Belgian Ministry of Agriculture, Industry and Public Works. The figures are based upon information furnished by the Councils of Industry and Labour, composed of equal numbers of employers and workpeople, and relate to the same branches of industry and the same classes of workpeople as those dealt with in the table of Belgian wages, pp. 42-52, ante.

CERTAIN INDUSTRIAL CENTRES—*continued.*TABLE 74.—AVERAGE NUMBER of HOURS WORKED per DAY by various CLASSES of WORKPEOPLE in certain PRINCIPAL INDUSTRIAL CENTRES in BELGIUM, in April, 1891—*continued.*

Occupation.	Average Number of Hours worked per Day.	Occupation.	Average Number of Hours worked per Day.
<b>Textile Trades—cont.</b>	<b>Hrs. Mins.</b>	<b>Glass Trade—cont.</b>	<b>Hrs. Mins.</b>
<i>Woollen and Worsted Manufacture—Spinning and Weaving: Brussels.</i>		<i>Glass Works: Marchienne-au-Pont—cont.</i>	
All classes of workpeople...	11 0	Flatteners ... ..	12 0
<i>Woollen and Worsted Manufacture—Spinning and Weaving: Liège.</i>		Flatteners' helpers... ..	
All classes of workpeople...	10 30	Pushers ... ..	
<i>Flax Spinning: Liège.</i>		Stokers ... ..	10 0
All classes of workpeople...	12 0	Coal wheelers ... ..	
<i>Linen Weaving: Ghent.</i>		Glass carriers ... ..	
All classes of workpeople...	10 30	Box makers ... ..	11 0
<i>Linen Weaving: Courtrai.</i>		Smiths ... ..	
All classes of workpeople...	12 0	Smiths' strikers ... ..	
		Carpenters ... ..	10 30
		Enginemmen ... ..	
		Bricklayers ... ..	
		Slaters ... ..	10 30
		Labourers ... ..	
		All other classes of workpeople.	
<b>Glass Trade.</b>		<i>Glass Works: Seraing (Flint Glass Industry).</i>	
<i>Glass Works: Roux (Sheet Glass Industry).</i>		All classes of workpeople...	10 30
Blowers ... ..	11 0	<b>Coal Mining.</b>	
Gatherers ... ..		<i>Hewers.</i>	
Glass cutters and apprentices		At Seraing ... ..	7 30 to
Assorters ... ..	14 0	" Ghlin and Liège ... ..	8 0
Packers ... ..		" Gilly ... ..	9 0
Gas-producer men ... ..		" Pâturages ... ..	9 45
All other classes of workpeople.	12 0	" all other places(a) ... ..	10 30 to
<i>Glass Works: Marchienne-au-Pont (Sheet Glass Industry).</i>		<i>Roadcutters.</i>	
Mixers ... ..	9 0	At Cipley ... ..	8 0
Blowers ... ..		" Pâturages ... ..	8 0 to
Gatherers and second-time gatherers.		" Pâturages ... ..	9 0
Cylinder carriers ... ..	13 0	" Boussu, Dour and Ghlin	9 0
Splitters ... ..		" Seraing ... ..	9 15
Splitters' helpers ... ..		" Liège ... ..	10 30
Teasers ... ..	12 0	" all other places(a) ... ..	10 0
Gas-producer men ... ..		<i>Putters and Trammers.</i>	
Assorters of cylinders		At Farciennes ... ..	8 0
Flattening-kiln lads ... ..	12 0	" Ghlin ... ..	9 0
		" Seraing ... ..	10 20
		" Liège ... ..	10 30
		" Châtelet ... ..	11 45
		" Gilly ... ..	12 0
		" Dour and Pâturages ... ..	11 0
		" all other places(a) ... ..	

(a) i.e., centres of the coal-mining industry named in Table 25, *ante*, p. 52 (except Roux, Cuesmes, Flénu, Frameries, Hornu and Wasmes, at which places the hours of work are not stated).

## HOURS OF LABOUR IN FRANCE.

## VARIOUS TRADES. (a)

TABLE 75.—ESTIMATED AVERAGE LENGTH OF THE REGULAR WORKING DAY  
(Intervals excluded) in certain TRADES in FRANCE, 1891-93.

PARIS AND ENVIRONS.			
Trade.	Estimated Average Length of Regular Working Day.	Trade.	Estimated Average Length of Regular Working Day.
<b>Building Trades.</b>	Hrs. Mins.	<b>Metal Trades—cont.</b>	Hrs. Mins.
Plumbing, water and gas supply work, pipe laying, &c.	10 15	Manufacture of tinsmiths' work and of lamps, and other metal objects.	10 30
Public works construction, masonry and bricklaying, paving, &c.	10 0	Gold melting and beating ..	} 10 0
Chimney building and repairing.	10 30	Gilding and silver and nickel-plating.	
House painting ... ..	9 0	Jewellery manufacture ...	11 0
Stone cutting and polish- ing.	10 0	<b>Textile Trades.</b>	
<b>Metal Trades.</b>		Ropemaking, sewing-cotton manufacture and weaving.	10 30
Manufactured iron trade, bolt and rivet works, &c.	} 11 0	Dyeing (new goods) ...	10 15
Locksmiths' work, &c. ...		Hosiery manufacture and embroidery.	10 30
Sheet-iron, wire-gauze, &c., works.	10 45	Manufacture of awnings, tapestry and quilts.	9 45
Iron furniture manufacture and wire-drawing.	10 30	<b>Clothing Trades.</b>	
Boiler-making, iron found- ries and engineering.	10 45	Boot and shoe making (grouped with saddlery).	11 0
Coppersmiths' work, copper and brass plate-rolling, and copper and brass foundries.	10 30	Ready-made clothing (in- cluding military uni- form) manufacture.	10 30
Manufacture of art bronzes and gas-fittings.	9 45	Stay making, artificial flower making and feather manufacture.	10 0
Manufacture of taps, cocks, brass work, scientific instrument making and musical instrument mak- ing.	10 30	Millinery, &c. ... ..	10 45
Manufacture of stamped metal goods and buttons.	10 0	Dyeing and cleaning ...	10 0
		Glove making (grouped with morocco, &c., work).	9 45

(a) Compiled from *Salaires et Durée du Travail dans l'Industrie Française*, 1893-97, published by the French Labour Department. The figures exclude intervals (for meals, &c.) of 30 minutes each and upwards. Overtime is not included; but periods, during which short time was worked, are allowed for.

VARIOUS TRADES—*continued.*TABLE 75.—ESTIMATED AVERAGE LENGTH OF THE REGULAR WORKING DAY  
(Intervals excluded) in certain TRADES in FRANCE, 1891-93—*continued.*PARIS AND ENVIRONS—*continued.*

Trade.	Estimated Average Length of Regular Working Day.	Trade.	Estimated Average Length of Regular Working Day.
	Hrs. Mins.		Hrs. Mins.
<b>Printing, Paper and Allied Trades.</b>		<b>Food Preparation Trades.</b>	
Printing and bookbinding	10 0	Mechanical preparation of cereals.	10 45
Paper making, paper staining, manufacture of cards, &c.	10 30	Sugar refining and breaking and distilling.	11 0
		Brewing ... ..	11 45
<b>Woodworking Trades.</b>		Manufacture of spirits, cordials, &c.	11 30
Wagon building ... ..	} 9 45	Mineral water manufacture	10 30
Joinery and parquet factories.		Other manufactures (food products).	10 45
Sawmills and other works	10 45		
Cabinet making and model making.	10 0	<b>Leather, Fur and India Rubber Trades.</b>	
Manufacture of fancy woodwares.	10 30		
		Preparation of hides and skins.	10 15
<b>Chemical Trades.</b>		Skin dyeing... ..	10 0
Major chemical trades ...	11 15	Saddlery ( <i>grouped with boots and shoes</i> ).	11 0
Manufacture of miscellaneous chemical products, inks, fatty substances, &c.	10 30	Morocco, &c., work ( <i>grouped with glove making</i> ).	9 45
		India rubber manufacture.	10 45
<b>Glass, Pottery, &amp;c., Trades, Brickmaking, &amp;c.</b>			
Glass making ... ..	10 15	<b>Warehousing, &amp;c. ...</b>	9 15
China and stoneware manufacture.	10 30		
Brick and tile making ...	} 10 15	<b>Employees of the State</b>	10 0
Other allied trades... ..			

VARIOUS TRADES—continued.

TABLE 75.—ESTIMATED AVERAGE LENGTH of the REGULAR WORKING DAY  
(Intervals excluded) in certain TRADES in FRANCE, 1891-93—continued.

FRANCE, OTHER THAN PARIS AND ENVIRONS.			
Trade.	Estimated Average Length of Regular Working Day.	Trade.	Estimated Average Length of Regular Working Day.
<b>Building Trades.</b>	<b>Hrs. Mins.</b>	<b>Metal Trades—cont.</b>	<b>Hrs. Mins.</b>
Public works construction, masonry and bricklaying and plumbing.	10 30	Watch and clock making and jewellery manufac- ture.	10 15
Joinery ... ..	10 45	Work in precious metals ...	10 45
Marble and stone cutting...	10 30	<b>Textile Trades.</b>	
Electric lighting ... ..	10 0	Flax, hemp and jute spin- ning.	11 45
<b>Mining and Quarrying.</b>		Canvas, &c., weaving ...	11 30
Coal and lignite, &c., mines	9 15	Rope making ... ..	
Iron mines ... ..	9 45	Cotton spinning and doub- ling.	11 45
Other metalliferous mines		Cotton weaving ... ..	
Asphalt, schist and sulphur mines.	10 30	Velvet manufacture ...	
Salt works ... ..	10 0	Fleece-stripping, fulling and felt-making.	12 0
Slate quarries ... ..		Woolcombing ... ..	11 0
Other quarries ... ..	10 30	Woollen yarn spinning ...	
<b>Metal Trades.</b>		Woollen weaving (other than cloth).	11 30
Iron smelting and puddling and steel making.	10 30	Cloth weaving ... ..	11 0
Smelting, &c., of other metals.	10 45	Carpet manufacture ...	10 30
Manufactured iron trade ...	11 0	Silk combing and spinning	11 15
File and cutlery manufac- ture.		Silk throwing ... ..	11 30
Girder work and structural work in iron and steel generally.	10 45	Silk weaving ... ..	11 15
Boiler-making ... ..	10 0	Dyeing, bleaching and fin- ishing.	
Foundries (iron and steel)	10 30	Hosiery manufacture ...	
Engineering (machine con- struction).		Manufacture of trimmings, braids, ribbons, &c.	11 0
Copper and brass plate rol- ling and rolling other metals (not including iron).	10 45	Manufacture of lace, tulle and machine-made em- broidery.	
Brass work for building jobs and cock and tap making.		Other textile manufactures (alfa, asbestos, &c.).	10 0
Brass and copper founding, bronze, &c., founding.	10 0	<b>Clothing Trades.</b>	
Coppersmiths' work and brass work.	10 30	Boot and shoe making (leather).	11 0
Manufacture of buttons and stamped goods.	10 15	Boot and shoe making (other materials).	11 30
Manufacture of tinsmiths' work.	10 45	Military uniform, &c., mak- ing.	9 30
Scientific instrument mak- ing.	12 0	Ready-made clothing manu- facture.	10 15
		Manufacture of underlinen and staymaking.	
		Hat and bonnet making ...	10 30
		Artificial flower making ...	
		Glove making (leather) ...	

## VARIOUS TRADES—continued.

TABLE 75.—ESTIMATED AVERAGE LENGTH of the REGULAR WORKING DAY  
(Intervals excluded) in certain TRADES in FRANCE, 1891-93—continued.

## FRANCE, OTHER THAN PARIS AND ENVIRONS—continued.

Trade.	Estimated Average Length of Regular Working Day.	Trade.	Estimated Average Length of Regular Working Day.
<b>Printing, Paper and Allied Trades.</b>	Hrs. Mins.	<b>Glass, Pottery, &amp;c., Trades, Brickmaking</b> —cont.	Hrs. Mins.
Printing ... ..	10 15	Art glass and looking glass manufacture.	11 0
Paper manufacture ...	11 0	Brick and tile making, pottery.	10 15
Manufacture of special papers and of cardboard.	12 0		
<b>Woodworking Trades.</b>		<b>Food Preparation Trades.</b>	
Sawmills ... ..	11 0	Butter and cheese making	10 15
Joinery works ... ..	10 30	Corn mills ... ..	11 15
Coachmaking ... ..	11 0	Manufacture of vermicelli, &c.	10 30
Coopering ... ..	10 30	Manufacture of starch, grape-sugar, &c.	10 15
Wooden shipbuilding ...	10 15	Sugar manufacture and refining.	11 15
Cabinet making ... ..	12 0	Brewing and malting ...	11 30
Manufacture of sofas, chairs, &c.	11 45	Distilleries ... ..	10 30
Manufacture of wooden musical instruments.	10 45	Wine making and manufacture of cordials, &c.	11 15
Manufacture of boxes, sticks, &c.	11 15	Manufacture of chicory, vinegar and mustard.	10 30
Manufacture of fancy woodwares.		Chocolate manufacture ...	11 0
<b>Chemical Trades.</b>		Confectionery and pastry-cook's work.	10 30
Manufacture of conglomerated substances and coke making.	10 45	Manufacture of jams, preserves, &c.	
Gasworks ... ..	10 30	<b>Leather, Fur and India Rubber Trades.</b>	
Petroleum refineries ...	10 45	Tanning and currying ...	10 45
Major chemical trades ...	11 0	Leather dressing ... ..	10 15
Manufacture of miscellaneous chemical products.	10 45	Saddlery, harness making, strap and thong making.	10 15
Manufacture of explosives	10 15	Fur dressing ... ..	10 30
Oil works ... ..	10 30	India rubber and gutta-percha manufacture.	
Stearine works ... ..		<b>Miscellaneous Trades.</b>	
Lime burning and cement works.		Umbrella making ... ..	11 15
<b>Glass, Pottery, &amp;c., Trades, Brickmaking.</b>		Brush and broom manufacture.	11 30
China and stoneware manufacture.	11 0	Jewel cutting, &c. ... ..	
Glass bottle making ...	9 0	<b>Employees of the State and of Municipal Authorities.</b>	10 15
Plate glass and crystal ware manufacture.	10 15		
Table glass making ...	10 45		



COAL MINES. (a).

TABLE 76.—HOURS of EMPLOYMENT, and HOURS of ACTUAL WORK of the WORKPEOPLE employed in and at COAL MINES in FRANCE, in 1890.

Hours.		Hours of Employment.		Hours of Actual Work.	
		I.—NUMBER.			
		Number of Workpeople whose Hours of Employment were as shown in Col. 1.		Number of Workpeople whose Hours of Actual Work were as shown in Col. 1.	
		Underground.	Surface.	Underground.	Surface.
Hours.	Mins.				
7	0	...	...	2,900	...
7	30	...	...	10,556	...
7	45	...	...	3,338	...
8	0	2,898	...	37,499	4,797
8	30	...	...	10,393	602
8	45	6,330	...	...	...
9	0	18,633	958	13,926	3,372
9	30	14,728	296	160	2,412
9	45	1,503	...	...	...
10	0	22,260	12,071	3,716	12,206
10	30	611	1,883	...	2,316
11	0	12,813	4,933	...	3,422
12	0	2,712	8,986	...	...
Total	...	82,488	29,127	82,488	29,127
Hours.		II.—PERCENTAGE.			
		Percentage of Workpeople whose Hours of Employment were as shown in Col. 1.		Percentage of Workpeople whose Hours of Actual Work were as shown in Col. 1.	
		Underground.	Surface.	Underground.	Surface.
		Per Cent.	Per Cent.	Per Cent.	Per Cent.
7	0	...	...	3.52	...
7	30	...	...	12.80	...
7	45	...	...	4.05	...
8	0	3.51	...	45.46	16.47
8	30	...	...	12.60	2.07
8	45	7.67	...	...	...
9	0	22.59	3.29	16.88	11.58
9	30	17.86	1.02	0.19	8.28
9	45	1.82	...	...	...
10	0	26.99	41.44	4.50	41.90
10	30	0.74	6.46	...	7.95
11	0	15.53	16.94	...	11.75
12	0	3.29	30.85	...	...
Total	...	100.00	100.00	100.00	100.00

(a.) Compiled from *Statistique de l'Industrie Minière*, published by the French Ministry of Public Works.

## HOURS OF LABOUR IN SWITZERLAND.

## FACTORIES.(a)

TABLE 77.—LIMITS of the NUMBER of HOURS WORKED as a REGULAR WEEK'S WORK (*Exclusive of Intervals*) in FACTORIES in SWITZERLAND, on June 5th, 1895.

Group of Trades.	Number of Workpeople employed in Factories at which the Number of Hours worked as a Regular Week's Work (exclusive of intervals) was within the under-mentioned Limits.						Total.
	Under 54 hrs.	54 hrs.	Over 54 up to 57 hrs.	Over 57 up to 60 hrs.	Over 60 up to 62½ hrs.	Over 62½ up to 65 hrs.	
Engineering ...	40	31	556	17,099	2,271	3,924	23,921
Metal working ...	112	45	849	4,250	2,060	2,620	9,936
Jewellery and clock and watch making.	506	139	694	7,029	974	6,992	16,334
Textiles :—							
Cotton manufacture	53	148	186	1,758	1,768	44,623	48,536
Woollen „	12	...	...	288	796	3,119	4,215
Linen „	...	...	...	23	95	670	788
Silk „	...	99	58	4,686	2,273	24,029	31,145
Other textile trades	139	114	321	1,940	923	3,333	6,770
Printing, paper and allied trades.	165	1,932	1,185	3,140	659	3,981	11,062
Woodworking ...	11	15	46	6,362	709	4,204	11,347
Chemical. &c., trades	4	78	460	1,571	243	1,702	4,058
Work in clay, &c., and stone and salt works.	128	94	18	2,146	1,172	6,160	9,718
Food preparation trades.	20	98	150	4,511	2,582	6,643	14,004
Work in skin, leather, horn, bone, &c.	...	...	2,128	1,935	2,005	2,297	8,365

(a) Compiled from *Schweizerische Fabrikstatistik nach den Erhebungen des eidg. Fabrikinspektorates vom 5. Juni, 1895*, published by the Swiss Department of Industry.

## HOURS OF LABOUR IN ITALY.

SILK MANUFACTURE.<sup>(a)</sup>

TABLE 78.—LENGTH of the REGULAR WORKING DAY of WORKPEOPLE employed in SILK MANUFACTURE in NORTHERN ITALY, in 1898.

Reeling.		Throwing.		Weaving.	
Occupation.	Length of regular Working Day (including intervals).	Occupation.	Length of regular Working Day (including intervals).	Occupation.	Length of regular Working Day (excluding intervals).
WOMEN AND GIRLS. (Adults and Young Persons).	Hours.	MEN. Throwsters ..	Hours. 12 <sup>(b)</sup>	MEN. Weavers .. ..	Hours. 10
Basin attendants ..	12	WOMEN AND GIRLS. Winders .. ..	12	WOMEN. Weavers .. ..	10
Reelers .. ..	12	Cleaners .. ..	12		
GIRLS (Children).		Doublers .. ..	12		
Knub preparers ..	9	Warehouse .. ..	12		

(a) Compiled from a report on the prices paid for labour in the different departments of the silk industry in Northern Italy, by Mr. F. Armstrong, H.M. Consul at Milan, published by the Silk Association of Great Britain and Ireland.

(b) Excluding intervals.

## HOURS OF LABOUR IN THE UNITED STATES.

STATE OF NEW YORK.<sup>(c)</sup>

TABLE 79.—AVERAGE WEEKLY WORKING TIME prevailing in various OCCUPATIONS in certain PRINCIPAL CITIES in the STATE of NEW YORK.

Occupation.	Average Hours of Labour per Week in							
	New York.		Brooklyn.		Buffalo.		Rochester.	
	1891.	1895.	1891.	1895.	1891.	1895.	1891.	1895.
<b>BUILDING TRADES.</b>	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.
Bricklayers .. ..	50	4	..	..	..	..	..	..
Masons .. ..	48	48	..	..	..	..	55	55
Carpenters .. ..	50	48	52	51	58	58	57	57
Painters .. ..	56	56	..	57	58	58	60	60
Varnishers .. ..	57	54	59½	58	..	..	..	..
<b>METAL TRADES.</b>								
Pattern makers .. ..	57½	56	57	60	59	59	60	59
Moulders (iron) .. ..	57	54½	58½	59	59	58	60	58
Do. (brass) .. ..	56½	57½	58½	58½	..	..	..	..
Boiler-makers .. ..	..	57½	..	..	60	60	..	..
Blacksmiths .. ..	57	57	58	56½	59	59	60	58
Millwrights .. ..	..	..	..	56	58	58	..	..
Machinists .. ..	58	57	59	59	59	58	60	57
Tinsmiths .. ..	57	59	58	57	59	59	..	..

(c) Compiled from *Fourteenth Annual Report of the Bureau of Labour Statistics of the State of New York, for the Year 1896*. The hours stated in the table are the average weekly working time of adult males.

STATE OF NEW YORK—*continued.*TABLE 79.—AVERAGE WEEKLY WORKING TIME prevailing in various OCCUPATIONS in certain PRINCIPAL CITIES in the STATE of NEW YORK—*continued.*

Occupation.	Average Hours of Labour per Week in							
	New York.		Brooklyn.		Buffalo.		Rochester.	
	1891.	1895.	1891.	1895.	1891.	1895.	1891.	1895.
<b>CLOTHING TRADES.</b>	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.	Hours.
Shoemakers .. .. .	..	..	..	58	..	..	..	59½
Cutters (shoe) .. .	54	54	57	57	..	..	57	57
Fitters (shoe) .. .	52	53	..	58	..	..	..	..
Fitters (shoes-stock) .. .	..	54	..	..	..	..	..	..
Lasters .. .	54	54	57	58	..	..	..	55
Finishers (shoe) .. .	54½	55	..	57	..	..	..	..
Cutters (fur) .. .	53	52	..	..	..	..	..	..
Nailers (fur) .. .	53	53	..	..	..	..	..	..
Finishers (fur) .. .	54	54	..	..	..	..	..	..
<b>PRINTING, PAPER AND ALLIED TRADES.</b>								
Printers (compositors) .. .	59	59	..	..	53	57	..	..
Pressmen (printing) .. .	58	58	..	..	56	56	..	..
Printers (wall papers) .. .	..	60	..	..	..	..	..	..
Feeders (press) .. .	57	54	..	..	..	..	..	..
Engravers .. .	56	55	..	55	..	..	..	..
<b>WOODWORKING TRADES.</b>								
Cabinet makers .. .	53	53	55	61	..	..	58	62
Coopers .. .	59	59	59	59	60	60	..	..
Sawyers (wood) .. .	55	55	58½	58½	..	..	..	..
Woodworkers (machine) .. .	58	57	58½	58½	59	59	60	60
Carvers (wood) .. .	50	50	..	..	..	..	..	..
<b>FOOD AND TOBACCO TRADES.</b>								
Cellarmen (brewery) .. .	..	59	..	..	60	60	..	..
Strippers (tobacco) .. .	50	52	..	..	..	..	..	..
Cigar makers .. .	50	51	..	..	..	..	..	..
Cigar makers (bunchmakers) .. .	48	48	..	..	..	..	..	..
Cigar packers.. .. .	48	45	..	..	..	..	..	..
<b>GENERAL.</b>								
Labourers .. .	54	53	57½	59	59	59	60	59
Engineers (stationary) .. .	61	62	59	61	63	62	60	59
Firemen (stationary) .. .	57	57	59	60	64	63	60	62
Packers .. .	56	57	58	57	59	59	60	60
Drivers .. .	57½	57½	58	58	60	60	..	59
Watchmen .. .	65	66	65	64	65½	67	62	62

**BAKERS IN THE STATE OF NEW YORK.(a)****TABLE 80.—LIMITS of the WEEKLY HOURS of LABOUR worked by BAKERS in the PRINCIPAL CITIES of the STATE of NEW YORK, in 1895.**

Weekly Hours of Labour	Number of Bakers whose Hours of Labour per week in 1895 were within the Limits stated in Col. 1.			
	First Hands.	Second Hands.	Third Hands.	All Classes.
Under 60 hours ... ..	70	39	15	124
60 and under 70 hours ... ..	515	493	297	1,305
70 " 80 " ... ..	410	428	262	1,100
80 " 90 " ... ..	125	169	113	407
90 " 100 " ... ..	60	87	51	198
100 " 110 " ... ..	21	25	12	58
110 " 120 " ... ..	11	14	7	32
Over 120 hours ... ..	7	9	6	22
<b>Total</b> ... ..	<b>1,219</b>	<b>1,264</b>	<b>763</b>	<b>3,246</b>
<b>Average</b> ... ..	<b>71 hrs. 15 mins.</b>	<b>73 hrs. 20 mins.</b>	<b>73 hrs. 45 mins.</b>	<b>72 hrs. 40 mins.</b>

**BAKERS IN CONNECTICUT.(b)****TABLE 81.—NUMBER of BAKERS in the STATE of CONNECTICUT whose DAILY HOURS of LABOUR in the Year 1895-96 were as shown below :—**

Number of Hours worked per Day.	Number of Bakers whose Daily Hours of Labour were as stated in Col. 1.	Percentage of Total Number of Bakers.
Hours.		Per cent.
7	2	0.3
8	30	4.5
9	70	10.6
10	352(c)	53.0
11	97	14.6
12	105	15.8
13	4	0.6
15	2	0.3
17	2	0.3
<b>Total Number of Bakers comprised in the Returns</b> ... ..		<b>664</b>
<b>Average Number of Hours worked per Day by all Bakers</b> ... ..		<b>10.3</b>
		<b>100.0</b>

(a) Compiled from *Thirteenth Annual Report of the Bureau of Statistics of Labour of the State of New York, for the Year 1895*. The cities, to which the figures stated in the table refer, are New York, Brooklyn, Buffalo, Rochester, Albany, Syracuse, Troy and Utica. By Section 1, of chapter 518, Laws (of the State of New York) of 1895, which came into force in May, 1895, "No employee shall be required, permitted or suffered to work in a biscuit, bread, or cake bakery or confectionery establishment more than 60 hours in any one week." See also Section 110 of the General Labour Law of the State of New York (Chapter 415, Laws of 1897).

(b) Compiled from the *Report of the Bureau of Labour Statistics of the State of Connecticut, for the Year ending November 30th, 1896*. Of the 664 bakers referred to in the table, 340 were day hands and 324 night hands.

(c) Of these 352 bakers, 109 were employed in biscuit and pie bakeries, and were all day hands.

## CONNECTICUT.(a)

TABLE 82.—AVERAGE WEEKLY HOURS of LABOUR worked, in the Year ended July 1st, 1895, by the WORKPEOPLE employed in certain PRINCIPAL GROUPS of TRADES in the STATE of CONNECTICUT.

Group of Trades.	Number of Workpeople comprised in the Returns.	Average Weekly Hours of Labour.
		Hours.
Stonecutting and quarrying ... ..	940	52·41
Iron and iron foundries ... ..	5,070	57·27
Machine shops ... ..	6,827	61·75
Brass and brass goods ... ..	16,521	57·48
Wire and wire goods ... ..	940	57·87
Firearms... ..	3,808	58·75
Cutlery and tools ... ..	3,341	53·58
General hardware ... ..	10,967	55·03
Buttons, buckles and pins ... ..	1,528	58·02
Silver and plated ware ... ..	4,337	53·71
Cotton mills ... ..	7,052	58·27
Cotton goods (b) ... ..	6,960	58·53
Woollens and woollen mills ... ..	7,278	57·10
Hosiery and knit goods ... ..	3,491	57·79
Silk goods ... ..	4,951	54·77
Shoes ... ..	609	58·18
Hats and caps ... ..	5,405	57·12
Corsets ... ..	4,214	58·61
Paper and paper goods ... ..	3,472	60·90
Woodworking ... ..	2,387	54·71
Carriages and carriage parts ... ..	1,225	54·94
Musical instruments and parts ... ..	1,007	52·38
Brickmaking ... ..	772	60·72
Leather goods ... ..	627	57·41
Rubber goods ... ..	5,035	56·37
Miscellaneous ... ..	3,243	55·34

(a) Compiled from the *Report of the Bureau of Labour Statistics of the State of Connecticut, for the Year ending November 30th, 1895.*

(b) Includes comfortables, twines, cotton warps and yarns, and men's and women's underwear.

---

**TRADE DISPUTES.**

---

6487

L 2

## TRADE DISPUTES IN SWEDEN.

## NUMBER AND DURATION.(a)

TABLE 83.—NUMBER of TRADE DISPUTES in SWEDEN ; together with the NUMBER of WORKPEOPLE who took part in, and the AGGREGATE DURATION in WORKING DAYS of such DISPUTES.

Year.	Number of Disputes.	Number of Work-people who took part in Disputes referred to in Col. 2.	Number of Working Days lost by the Workpeople referred to in Col. 3.
(1)	(2)	(3)	(4)
1886 .. ..	12	1,185	15,700
1887 ... ..	4	300	4,300
1888 ... ..	12	2,200	5,350
1889 ... ..	22 . . .	2,379	36,190 .
1890 ... ..	107	3,900	126,100
1891 ... ..	37	2,317	74,120
1892 . . .	16	1,346	105,900
1893 ... ..	32	2,269	201,350
1894 ... ..	18	768	4,790
1895 ... ..	46	2,929	16,110
1896 ... ..	50	4,600	195,200
1897 ... ..	90	5,930	80,100
1898 ... ..	134	16,700	184,400
1899 ... ..	62	8,667	205,900
1900 ... ..	104	10,290	331,600

(a) Compiled from figures supplied in articles contributed by Mr. O. Dalkvist, member of the Stockholm Federation of Workmen, and published in the Stockholm *Ekonomisk Tidskrift*.



## TRADE DISPUTES IN DENMARK.

## NUMBER AND DURATION.(a)

TABLE 84.—NUMBER of TRADE DISPUTES in DENMARK ; together with the NUMBER of WORKPEOPLE who took part in, and the AGGREGATE DURATION in WORKING-DAYS of such DISPUTES.

Year.	Total Number of Disputes.	Number of Disputes, the Number of Workpeople taking part in which was known.	Number(b) of Workpeople who took part in the Disputes referred to in Col. 3.	Number of Disputes the Duration of which was known.	Number of Working Days lost by the Workpeople who took part in the Disputes referred to in Col. 5.
(1)	(2)	(3)	(4)	(5)	(6)
1897 ...	111	68	7,150	38	214,519
1898 ...	147	121	6,787	107	92,433
1899 ...	98	86	36,096	58	2,828,447

## GROUPED BY CAUSES.(a)

TABLE 85.—PRINCIPAL CAUSES or OBJECTS of TRADE DISPUTES in DENMARK.

Year.	Number of Disputes, the principal Causes or Objects of which were:—						Total Number of Disputes.
	Wages.	Hours of Labour.	Working Arrange- ments (Rules, &c.)	Personal Relations.	Trade Unionism.	Other Causes, or Causes unknown.	
1897	62	...	15	7	4	23	111
1898	114	3	10	6	3	11	147
1899	65	1	9	8	3	12	98

(a) Compiled from *Danmarks Statistik, Statistisk Aarbog, 5te Aargang* 1900, published by the Danish Government Statistical Office. The number of disputes settled by conciliation in the years 1897-9 was 20 (all in 1899), and the number settled by arbitration 14 (5 in 1897, 5 in 1898, and 4 in 1899).

(b) *Maximum* number on strike or looked-out at any one time.

## GROUPED BY TRADES.(a)

TABLE 84.—NUMBER OF TRADE DISPUTES IN DENMARK IN 1899, GROUPED BY TRADES ; together with the NUMBER OF WORKPEOPLE who took part in, and the AGGREGATE DURATION IN WORKING DAYS of such DISPUTES.

Group of Trades.	Total Number of Disputes.	Number of Disputes the Number of Work- people taking part in which was known.	Number(b) of Work- people taking part in the Disputes referred to in Col. 3.	Number of Disputes the Duration of which was known.	Number of Working Days lost by the Work- people who took part in the Disputes referred to in Col. 5.
(1)	(2)	(3)	(4)	(5)	(6)
Building trades .. ..	15	12	272	5	2,916
Metal and engineering (in- cluding electrical instal- lation).	14	12	475	9	4,147
Textile trades.. ..	2	2	9	2	167
Clothing trades .. ..	10	10	2,416	8	59,590
Seamen .. .. .	1	..	..	1	3,000
Agricultural labour ..	3	3	32	..	..
Printing and allied trades	3	2	505	2	9,125
Woodworking .. ..	6	5	47	3	296
Glassmaking .. .. .	2	2	90	2	2,160
Food and tobacco trades ..	8	5	118	1	23
Leather and upholstery ..	3	2	24	2	364
Brushmaking .. .. .	2	2	232	2	2,335
Factory workers ( <i>trades not specified</i> ).	13	13	428	11	21,962
Firemen .. .. .	5	5	15	4	274
Labourers (unskilled) ..	10	10	1,404	5	7,330
Various trades combined ..	1	1	30,009(c)	1	2,712,859
<b>Total .. ..</b>	<b>98</b>	<b>86</b>	<b>36,096</b>	<b>58</b>	<b>2,828,447</b>

(a) Compiled from the source stated in footnote (a) on p. 164, *ante*.(b) See footnote (b) on p. 164, *ante*.(c) The maximum number of workpeople taking part in this dispute at any one time in each of the different groups of trades involved was as follows:—building trades, 10,017; metal and engineering (including electrical installation) and shipbuilding, 5,823; clothing trades, 2,992; woodworking, 4,732; saddlers and upholsterers, 173; enginemmen, 78; day labourers, 10,869; female workpeople in various trades, 129; total, 34,862; but the maximum was not arrived at *simultaneously* in each trade. The greatest number out at one time is as shown in the table.

## TRADE DISPUTES IN THE GERMAN EMPIRE.

## GROUPED BY TRADES, 1892-98.(a)

TABLE 87.—NUMBER of TRADE DISPUTES in the GERMAN EMPIRE, GROUPED by TRADES, and NUMBER of WORKPEOPLE who took part in such DISPUTES.

Group of Trades.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
<b>I.—NUMBER OF DISPUTES.</b>							
Building trades ...	8	20	24	42	120	167	385
Mining and quarrying ...	...	2	...	1	...	16	3
Metal trades (including shipbuilding).	1	12	30	21	64	83	96
Textile trades ...	4	2	3	...	4	9	14
Clothing trades ...	25	28	6	10	23	64	45
Transport ...	...	...	1	...	12	1	2
Woodworking, etc. trades...	14	10	24	38	118	73	105
Glass, pottery, etc. trades...	1	14	9	17	16	27	23
Food and tobacco trades...	17	16	14	5	38	41	44
Leather-working trades ...	2	7	7	47	23	17	17
Miscellaneous trades ...	1	5	12	23	65	80	251
<b>Total ...</b>	<b>73</b>	<b>116</b>	<b>130</b>	<b>204</b>	<b>483</b>	<b>578</b>	<b>985</b>
<b>II.—NUMBER OF WORK-PEOPLE WHO TOOK PART IN DISPUTES.</b>							
Building trades ...	495	1,298	2,193	5,992	27,046	20,193	33,005
Mining and quarrying ...	...	350	...	340	...	8,000	3,000
Metal trades (including shipbuilding).	25	142	1,086	1,066	3,221	4,220	3,461
Textile trades ...	414	36	172	...	2,230	1,610	3,315
Clothing trades ...	702	5,392	1,009	412	31,336	6,692	3,971
Transport ...	...	...	109	...	26,050	14	80
Woodworking, etc. trades...	127	220	480	2,487	27,472	12,181	7,523
Glass, pottery, etc. trades...	35	597	213	731	966	2,073	1,087
Food and tobacco trades ...	1,200	511	1,626	138	2,586	1,542	2,294
Leather-working trades ...	10	325	102	2,168	672	246	594
Miscellaneous trades ...	14	485	328	698	7,229	6,148	1,860
<b>Total ...</b>	<b>3,022</b>	<b>9,356</b>	<b>7,318</b>	<b>14,032</b>	<b>128,808</b>	<b>63,119</b>	<b>60,190</b>

## GROUPED BY RESULTS, 1892-98.(a)

TABLE 88.—PERCENTAGE of TRADE DISPUTES in the GERMAN EMPIRE, GROUPED according to the RESULTS of such DISPUTES.

Result.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
In favour of workpeople ...	32.88	43.97	27.48	42.65	48.03	47.06	41.92
In favour of employers ...	43.83	31.03	38.93	35.78	21.95	26.47	17.16
Compromised ...	20.55	21.55	28.25	14.71	25.26	25.26	16.75
Indefinite or unknown ...	2.74	3.45	5.34	6.86	4.76	1.21	(b)24.17
<b>Total ...</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>

(a) Compiled from *Correspondenzblatt der Generalkommission der Gewerkschaften Deutschlands*, the official organ of the Federal Committee of German Trade Unions (*Gewerkschaften*). The information given by this journal is admittedly incomplete, exhaustive details in regard to all German disputes not being available for the years to which these tables relate.

(b) Including 230 strikes in the printing trade, the results of which are not definitely specified, but which are stated to have been, in most cases, in favour of the workpeople.

## TRADE DISPUTES :

## GROUPED BY TRADES, 1899.(e)

TABLE 89.—NUMBER of INDUSTRIAL TRADE DISPUTES in the GERMAN EMPIRE in 1899, and NUMBER of WORKPEOPLE affected by such DISPUTES.

Group of Trades.	Number of Disputes.	Number of Workpeople affected by Disputes.		
		On Strike or Locked-out.	Indirectly affected.	Total.
Building trades .. .. .	482	40,118	7,343	47,461
Mining and smelting (b) .. .. .	30	10,037	442	10,479
Metal working .. .. .	142	9,883	246	10,129
Engineering and implements manufacture	46	3,744	563	4,307
Textiles .. .. .	104	11,088	2,156	13,244
Clothing and cleaning (c) .. .. .	84	4,948	212	5,160
Transport .. .. .	32	1,900	147	2,047
Gardening .. .. .	1	4	..	4
Printing and allied trades .. .. .	13	434	..	434
Paper trades .. .. .	9	224	1	225
Wood, &c. trades (d) .. .. .	156	8,663	210	8,873
Chemical trades .. .. .	4	307	..	307
Gas, oil, soap, varnish, &c. manufacture ..	4	103	30	133
Stones and earths trades (e) .. .. .	106	6,754	224	6,978
Food, tobacco, &c. preparation .. .. .	55	3,206	184	3,390
Hotels and restaurants .. .. .	3	25	..	25
Leather trades .. .. .	41	1,776	92	1,868
Art work .. .. .	3	102	..	102
Commercial employment .. .. .	16	1,353	..	1,353
<b>Total .. .. .</b>	<b>1,311</b>	<b>104,636</b>	<b>11,850</b>	<b>116,486</b>

## GROUPED BY CAUSES AND RESULTS, 1899.(a)

TABLE 90.—NUMBER of INDUSTRIAL TRADE DISPUTES in the GERMAN EMPIRE in 1899, GROUPED according to CAUSES or OBJECTS; and PERCENTAGE of such DISPUTES, GROUPED according to RESULTS.

CAUSES.		RESULTS.	
Cause or Object	Number (f) of Disputes, the Causes or Objects of which were as shown in Col. 1.	Result.	Percentage of Disputes, the Results of which were as shown in Col. 3.
(1)	(2)	(3)	(4)
<b>Wages.</b>			
For increase .. .. .	837	In favour of workpeople..	Per cent. 25'86
Against decrease .. .. .	69		
Other .. .. .	308	In favour of employers ..	40'73
<b>Hours of Labour.</b>			
For decrease .. .. .	282	Compromised .. .. .	33'41
Other .. .. .	63		
<b>Employment of particular classes or persons.</b>			
Working arrangements .. .. .	24	Total .. .. .	100'00
Other causes .. .. .	355		

(a) Compiled from *Streiks und Aussperrungen im Jahre 1899*, prepared by the German Imperial Statistical Office. The disputes referred to in the table are those which terminated in 1899.

(b) Includes salt works, and puddling and rolling mills.

(c) Includes laundries, hairdressers' shops, bathing establishments, and garment renovating.

(d) Includes work in bone, ivory, and similar materials which admit of being carved.

(e) Includes quarries, gravel, lime, cement, &c. works, pottery, brick, tile, &c. making, and glassworks.

(f) In the figures stated in this column a dispute, which had, say, two causes or objects, counts as two, and so on.

## BAVARIA—NUMBER AND RESULTS.(a)

TABLE 91.—NUMBER of TRADE DISPUTES in BAVARIA, NUMBER of WORKPEOPLE who took part in, and RESULTS of such DISPUTES.

Year.	Number of Disputes.	Number of Workpeople taking part in Disputes.	Percentage of Workpeople who took part in Disputes, the Results of which were :—			Total.
			In favour of Workpeople.	In favour of Employers.	Compromised.	
			Per cent.	Per cent.	Per cent.	Per cent.
1889	48	5,275	13·83	10·24	75·83	100·00
1890	34	2,498	11·01	60·97	28·02	100·00
1891	14	995	3·52	20·20	76·28	100·00
1892	9	819	14·78	32·72	52·50	100·00
1893	5	130	20·00	46·92	33·08	100·00
1894	16	625	...	30·24	69·76	100·00
1895	37	3,580	6·54	57·01	36·45	100·00
1896	35	4,256	2·42	11·33	86·25	100·00
1897	25	1,804	30·76	33·37	35·87	100·00
1898	49	5,887	10·74	16·22	73·04	100·00
Totals and Mean Percentages.	272	25,869	10·50	26·53	62·97	100·00

## BAVARIA—GROUPED BY TRADES.(a)

TABLE 92.—NUMBER of TRADE DISPUTES in BAVARIA, in 1889-98, GROUPED by TRADES, and NUMBER of WORKPEOPLE who took part in such DISPUTES.

Group of Trades.	Number of Disputes.	Number of Workpeople who took part in Disputes.	Percentage of	
			Disputes.	Workpeople.
			Per cent.	Per cent.
Building trades ...	47	6,919	17·28	26·75
Mining and smelting(b) ...	2	108	0·74	0·42
Metal working ...	41	2,768	15·07	10·70
Engineering and implements manufacture.	15	1,028	5·51	3·97
Textiles ...	16	2,135	5·88	8·25
Clothing and cleaning(c) ...	22	1,585	8·09	6·13
Transport ...	2	76	0·74	0·29
Forestry ...	1	104	0·37	0·40
Printing and allied trades ...	11	925	4·04	3·58
Paper trades ...	5	346	1·84	1·34
Wood, etc. trades(d) ...	44	4,749	16·17	18·36
Chemical trades ...	7	304	2·57	1·17
Stones and earths trades(e) ...	40	3,901	14·71	15·08
Food, tobacco, &c. preparation	12	328	4·41	1·27
Leather trades...	4	208	1·48	0·80
Commercial employment ...	3	385	1·10	1·49
Total ...	272	25,869	100·00	100·00

(a) Compiled from *Statistisches Jahrbuch für das Königreich Bayern*, published by the Royal Bavarian Statistical Office.

(b) See foot-note (b) on p. 167, ante.

(c) See foot-note (c) on p. 167, ante.

(d) See foot-note (d) on p. 167, ante.

(e) See foot-note (e) on p. 167, ante.

## TRADE DISPUTES

### GROUPED

TABLE 93.—NUMBER OF TRADE DISPUTES in FRANCE, and NUMBER

Group of Trades.	1890.	1891.	1892.	1893.	1894.
<b>I.—NUMBER OF DISPUTES.</b>					
Building trades .. .. .	27	26	32	81	64
Mining and quarrying .. .. .	39	22	20	35	20
Metal trades .. .. .	40	38	40	70	54
Textile trades:—					
Manufacture .. .. .	118	104	79	233	112
Textile goods .. .. .			5	13	19
Transport .. .. .	9	11	15	27	11
Agriculture, forestry and fishing .. .. .	5	6	6	10	21
Miscellaneous trades .. .. .	75	60	64	165	29
<b>Total .. .. .</b>	<b>313</b>	<b>267</b>	<b>261</b>	<b>634</b>	<b>391</b>
<b>II.—NUMBER OF WORKPEOPLE WHO TOOK PART IN THE DISPUTES.</b>					
Building trades .. .. .	3,773	3,572	4,405	20,061	6,494
Mining and quarrying .. .. .	39,987	48,807	9,126	49,583	4,192
Metal trades .. .. .	6,030	7,965	5,038	10,053	3,212
Textile trades:—					
Manufacture .. .. .	60,953	21,820	10,131	48,515	23,461
Textile goods .. .. .			170	3,213	995
Transport .. .. .	1,000	3,984	7,018	10,971	1,135
Agriculture, forestry and fishing .. .. .	990	1,145	5,655	6,095	2,413
Miscellaneous trades .. .. .	6,097	21,651	6,360	21,632	12,674
<b>Total .. .. .</b>	<b>118,929</b>	<b>108,944</b>	<b>47,963</b>	<b>170,123</b>	<b>54,576</b>

### DURATION—

TABLE 94.—AGGREGATE DURATION in WORKING DAYS

Group of Trades.	Number of Working Days lost by			
	1893.	1894.	1895.	1896.
Building trades .. .. .	244,300	39,960	69,053	61,870
Mining and quarrying .. .. .	1,538,015	192,180	80,916	115,197
Metal trades .. .. .	239,930	94,171	41,118	153,921
Textile trades:—				
Manufacture .. .. .	484,760	308,225	190,655	127,825
Textile goods .. .. .	25,918	50,524	3,800	7,529
Transport .. .. .	162,940	2,464	23,182	1,681
Agriculture, forestry and fishing .. .. .	158,920	23,003	53	32,735
Miscellaneous trades .. .. .	329,208	351,953	228,912	143,610
<b>Total .. .. .</b>	<b>3,174,096</b>	<b>1,062,480</b>	<b>617,869</b>	<b>644,166</b>

(a) Compiled from *Statistique des Grèves et des Recours à la Conciliation*

## IN FRANCE.

## BY TRADES. (a)

of WORKPEOPLE who took part in such DISPUTES, GROUPED by TRADES

1895.	1896.	1897.	1898.	1899.	Group of Trades.
<b>I.—NUMBER OF DISPUTES.</b>					
69	47	76	64	113	Building trades.
22	23	23	21	55	Mining and quarrying.
49	70	61	60	140	Metal trades.
141	197	82	104	204	Textile trades :— Manufacture.
7	13	5	6	18	Textile goods
16	13	16	14	46	Transport.
4	12	15	7	10	Agriculture, forestry and fishing.
98	101	78	92	160	Miscellaneous trades.
<b>406</b>	<b>476</b>	<b>356</b>	<b>368</b>	<b>744</b>	<b>Total.</b>
<b>II.—NUMBER OF WORKPEOPLE WHO TOOK PART IN THE DISPUTES.</b>					
8,298	4,596	16,870	47,267	17,741	Building trades.
4,375	8,730	9,786	5,701	36,162	Mining and quarrying.
3,623	5,728	4,082	6,136	48,906	Metal trades.
14,041	16,760	8,674	12,509	39,928	Textile trades :— Manufacture.
145	573	140	200	674	Textile goods.
3,921	664	1,234	1,708	8,369	Transport.
61	5,571	21,062	1,056	1,936	Agriculture, forestry, and fishing.
10,755	7,239	6,407	7,368	23,365	Miscellaneous trades.
<b>45,909</b>	<b>49,851</b>	<b>68,875</b>	<b>82,065</b>	<b>177,051</b>	<b>Total.</b>

## BY TRADES. (a)

of TRADE DISPUTES in FRANCE, GROUPED by TRADES.

Workpeople affected by Disputes.				Group of Trades.
1897.	1898.	1899.		
305,794	722,142	287,131		Building trades.
174,161	42,620	422,777		Mining and quarrying.
50,637	144,109	561,663		Metal trades.
119,496	232,568	1,966,033		Textile trades :— Manufacture.
791	2,569	3,589		Textile goods.
6,083	6,530	61,150		Transport.
65,065	3,875	31,735		Agriculture, forestry and fishing.
58,877	61,893	217,656		Miscellaneous trades.
<b>789,944</b>	<b>1,216,306</b>	<b>3,550,734</b>		<b>Total.</b>

et à l'Arbitrage, published by the French Labour Department.

## TRADE DISPUTES :

## GROUPED

TABLE 95.—CAUSES or OBJECT of TRADE DISPUTES in FRANCE,

Cause or Object.	Number of Workpeople <sup>(b)</sup>				
	1890.	1891.	1892.	1893.	1894.
<b>Wages :—</b>					
For increase .. ..	48,835	30,184	26,303	129,506	30,700
Against decrease .. ..	6,476	7,150	5,354	10,276	9,261
Other .. ..	9,325	49,349	12,824	57,262	1,478
<b>Hours of Labour :—</b>					
For decrease .. ..	47,043	11,902	2,359	25,883	2,380
Other .. ..	..	..	434	450	736
<b>Employment of particular classes or persons.</b>	12,007	11,295	11,706	16,980	11,663
<b>Working arrangements ..</b>	710	11,358	1,667	100,627	7,665
<b>Other causes .. ..</b>	9,850	37,290	3,857	1,622	30

## GROUPED

TABLE 96.—PERCENTAGE of WORKPEOPLE who took part in TRADE DISPUTES

Result.	Percentage of Workpeople				
	1890.	1891.	1892.	1893.	1894.
In favour of workpeople ..	11'33	20'61	20'40	21'27	23'63
In favour of employers ..	66'67	29'47	29'60	52'37	50'96
Compromised .. ..	23'55	49'78	49'73	26'36	45'41
Unknown .. ..	1'25	0'14	0'27	..	..
<b>Total .. ..</b>	<b>100'00</b>	<b>100'00</b>	<b>100'00</b>	<b>100'00</b>	<b>100'00</b>

(a) Compiled from the source stated

(b) In the figures stated in this table a workman, who took part in a



**BY CAUSES.(a)**

with the NUMBER of WORKPEOPLE who took part in such DISPUTES.

who took part in Disputes.					Cause or Object
1895.	1896.	1897.	1898.	1899.	
				1	<b>Wages :—</b>
26,866	26,541	47,805	35,851	136,572	For increase.
3,204	5,915	3,112	5,989	2,989	Against decrease.
3,729	9,174	12,411	7,038	45,351	Other.
					<b>Hours of Labour :—</b>
6,106	4,481	5,714	3,478	22,200	For decrease.
..	..	..	..	..	Other.
10,407	15,072	17,681	6,705	41,637	Employment of particular classes or persons.
8,181	11,686	7,858	9,587	25,655	Working arrangements.
857	6,723	5,032	46,625	50,040	Other causes.

**BY RESULTS.(a)**

in FRANCE, GROUPED according to the RESULTS of such DISPUTES.

who took part in Disputes.					Result.
1895.	1896.	1897.	1898.	1899.	
18'73	23'23	28'80	12'91	11'95	In favour of workpeople.
36'10	42'56	29'43	47'43	17'59	In favour of employers.
45'17	34'21	41'77	39'06	70'46	Compromised.
..	..	..	..	..	Unknown.
100'00	100'00	100'00	100'00	100'00	Total.

in footnote on pp. 169, 170, *ante*.

strike which had say, two causes or objects, counts as two, and so on.

## TRADE DISPUTES.

## GROUPED

TABLE 97.—NUMBER of STRIKES(*b*) in ITALY, GROUPED by

Group of Trades.	1892.	1893.	1894.
<b>I. NUMBER OF STRIKES.</b>			
Building trades ... ..	21	15	21
Mining and quarrying ... ..	19	19	21
Metal trades ... ..	4	7	8
Textile trades ... ..	41	44	20
Clothing trades ... ..	3	1	2
Transport ... ..	8	16	9
Agriculture ... ..	10	18	8
Miscellaneous ... ..	20	28	27
Employees of public authorities	3	1	1
<b>Total ... ..</b>	<b>129</b>	<b>149</b>	<b>117</b>
<b>II. NUMBER OF WORKPEOPLE WHO TOOK PART IN STRIKES.</b>			
Building trades ... ..	3,866 ( <i>c</i> )	4,340 ( <i>d</i> )	4,224
Mining and quarrying ... ..	8,280	3,840 ( <i>d</i> )	13,318
Metal trades ... ..	638	415 ( <i>d</i> )	1,814
Textile trades ... ..	7,663 ( <i>c</i> )	14,042 ( <i>d</i> )	2,926
Clothing trades ... ..	306	... ( <i>d</i> )	258
Transport ... ..	5,140	5,147 ( <i>d</i> )	885
Agriculture ... ..	3,504 ( <i>c</i> )	12,590	4,748
Miscellaneous ... ..	1,441 ( <i>c</i> )	2,944 ( <i>d</i> )	3,022
Employees of public authorities	2,850	900	1,148
Not specified ... ..	616	481	...
<b>Total Strikers affected ...</b>	<b>34,304(<i>c</i>)</b>	<b>44,499(<i>d</i>)</b>	<b>32,343</b>
<b>Total Non-strikers affected (Industrial Strikes).(<i>e</i>)</b>	<b>Not stated.</b>	<b>Not stated.</b>	<b>Not stated.</b>

(*a*) Compiled from *Statistica degli Scioperi avvenuti nell' Industria e nell' Agricoltura, Industry and Commerce.*

(*b*) In addition to the strikes, particulars of which are given in the table, to have been stoppages of work having no connection with any dispute between lock-outs in 1893, directly involving 145 workpeople; 1 lock-out in 1894, directly 2 lock-outs in 1896, directly involving 1,351 workpeople; 3 lock-outs in 1897, 334 workpeople.

(*c*) As to 6 strikes in 1892 (3 in building trades, 1 in textile trades, 1 in agriculture) 3 of these strikes 616 workpeople took part.

(*d*) As to 9 strikes in 1893 (2 in building trades, 1 in mining and quarrying, 3 in miscellaneous) it was found impossible to obtain full details; in 5 of these

(*e*) The number of non-strikers affected in agricultural strikes cannot be

## IN ITALY.

BY TRADES.<sup>(a)</sup>

TRADES, and NUMBER of WORKPEOPLE affected by such STRIKES.

1895.	1896.	1897.	1898.	Group of Trades.
				<b>I. NUMBER OF STRIKES.</b>
22	17	38	51	Building trades.
16	61	10	26	Mining and quarrying.
8	21	17	14	Metal trades.
39	52	74	84	Textile trades.
3	15	18	15	Clothing trades.
7	8	9	10	Transport.
7	1	12	36	Agriculture.
31	36	51	56	Miscellaneous.
...	...	...	...	Employees of public authorities.
<b>133</b>	<b>211</b>	<b>229</b>	<b>292</b>	<b>Total.</b>
				<b>II. NUMBER OF WORKPEOPLE WHO TOOK PART IN STRIKES.</b>
4,263	3,137	5,336	6,098	Building trades.
3,486	31,007	1,261	5,542	Mining and quarrying.
571	2,816	1,988	1,573	Metal trades.
8,188	9,979	16,053	13,382	Textile trades.
148	43,763	43,652	809	Clothing trades.
671	1,201	2,114	2,491	Transport.
1,711	100	24,135	8,495	Agriculture.
1,980	4,148	6,166	5,810	Miscellaneous.
...	...	...	...	Employees of public authorities.
...	...	...	...	Not specified.
<b>21,018</b>	<b>96,151</b>	<b>100,705</b>	<b>44,200</b>	<b>Total Strikers affected.</b>
<b>Not stated.</b>	<b>4,252</b>	<b>7,603</b>	<b>6,934</b>	<b>Total Non-strikers affected (Industrial Strikes).<sup>(c)</sup></b>

*Agricoltura*, issued by the Statistical Department of the Italian Ministry of

there are stated to have been certain lock-outs, most of which, however, appear employers and employed. Excluding stoppages of this class, there were 2 involving 506 workpeople; 1 lock-out in 1895, directly involving 60 workpeople; directly involving 468 workpeople; and 4 lock-outs in 1898, directly involving

culture and 1 in miscellaneous) it was found impossible to obtain full particulars;

metal trades, 1 in textile trades, 1 in clothing trades, 1 in transport and 1 in strikes 481 persons took part. stated.

## DURATION—

TABLE 98.—AGGREGATE DURATION in WORKING

Group of Trades.	Number of			
	1892.	1893.	1894.	1895.
Building trades .. .. .	27,278	12,250	27,984	19,703
Mining and quarrying .. .. .	56,130	32,595	238,903	35,902
Metal trades .. .. .	3,792	18,270	4,688	4,554
Textile trades .. .. .	68,339	118,307	20,149	47,216
Clothing trades .. .. .	4,516	1,530	1,530	478
Transport .. .. .	24,000	26,214	5,186	3,691
Agriculture .. .. .	7,123	107,670	43,038	20,565
Miscellaneous .. .. .	9,452	15,887	21,135	14,328
Employees of public authorities .. .. .	24,400	10,800	13,778	..
Total working days lost by strikers ..	224,039	341,993	366,319	146,533
Total working days lost by non-strikers (Industrial Strikes.) (c)	Not stated	Not stated	9,221	49,249

## GROUPED

TABLE 99.—PRINCIPAL CAUSES or OBJECTS of STRIKES (b) in ITALY.

Principal Cause or Object.	Number of Workpeople			
	1892.	1893.	1894.	1895.
<b>Wages.</b>				
For increase .. .. .	10,127	25,536	22,343	9,734
Against decrease .. .. .	7,551	3,931	1,468	3,083
Total wages strikes .. .. .	17,678	29,467	23,811	12,817
<b>Hours of Labour.</b>				
For decrease .. .. .	1,790	1,519	2,539	1,239
Other .. .. .	630	300	330	..
Total hours of labour strikes ..	2,420	1,819	2,869	1,239
Other causes or objects .. .. .	13,590	12,742	5,633	6,962
Grand Total .. .. .	33,688(d)	44,018(d)	32,343	21,018

## GROUPED

TABLE 100.—PERCENTAGE of WORKPEOPLE who took part in STRIKES (b)

Result of Strike.	Percentage of Workpeople			
	1892.	1893.	1894.	1895.
In favour of workpeople .. .. .	33.67	22.24	29.33	30.59
In favour of employers .. .. .	46.40	28.43	50.28	30.38
Compromised .. .. .	17.46	48.25	20.39	39.03
Unknown .. .. .	2.47	1.08	..	..
Total .. .. .	100.00	100.00	100.00	100.00

(a) Compiled from the sources stated

(b) The figures relate to strikes only (not

(c) The number of working days lost by non-

(d) As to 616 workpeople in 1892 and 481 in 1893 included in the totals shown in Table 98, ante.

**BY TRADES.(a)**

DAYS of STRIKES(b) in ITALY, GROUPED by TRADES.

Working Days Lost.			Group of Trades.
1896.	1897.	1898.	
19,104	21,340	24,846	Building trades.
562,801	6,517	33,300	Mining and quarrying.
26,113	16,938	12,930	Metal trades.
70,229	328,273	124,189	Textile trades.
644,160	639,068	13,834	Clothing trades.
1,301	18,714	4,436	Transport.
100	322,020	82,833	Agriculture.
28,896	83,965	25,777	Miscellaneous
..	..	..	Employees of public authorities.
<b>1,152,663</b>	<b>1,435,555</b>	<b>822,125</b>	<b>Total working days lost by strikers.</b>
<b>39,899</b>	<b>181,109</b>	<b>42,042</b>	<b>Total working days lost by non-strikers</b> (Industrial Strikes). (c)

**BY CAUSES.(a)**

with the NUMBER of WORKPEOPLE who took part in such STRIKES.

who took part in Strikes.			Principal Cause or Object.
1896.	1897.	1898.	
			<b>Wages.</b>
78,822	82,744	24,817	For increase.
5,723	4,376	6,902	Against increase.
84,545	87,320	31,719	<b>Total wages strikes.</b>
			<b>Hours of Labour.</b>
980	3,551	891	For decrease.
287	230	908	Other.
1,247	3,781	1,799	<b>Total hours of labour strikes.</b>
10,359	9,604	10,682	<b>Other causes or objects.</b>
<b>96,151</b>	<b>106,705</b>	<b>44,200</b>	<b>Grand Total.</b>

**BY RESULTS.(a)**

in ITALY, GROUPED according to the RESULTS of such STRIKES.

who took part in Strikes.			Result of Strikes.
1896.	1897.	1898.	
70'48	14'44	25'52	In favour of workpeople.
11'85	11'33	57'14	In favour of employers.
17'89	74'23	57'34	Compromised.
..	..	..	Unknown.
<b>100'00</b>	<b>100'00</b>	<b>100'00</b>	<b>Total.</b>

in footnote (a) on pp. 173-174, ante.  
including lock-outs; see footnote (b) on pp. 173-174, ante.  
strikers in agricultural strikes cannot be stated.  
the causes or objects of the strikes, in which these persons took part, could not be stated.

## TRADE DISPUTES

### GROUPED

TABLE 101.—NUMBER OF STRIKES (a) in AUSTRIA, GROUPED by

Group of Trades.	1891.	1892.	1893.	1894.	1895.
<b>I. NUMBER OF STRIKES.</b>					
Building trades .. .. .	7	7	13	12	26
Mining .. .. .	..	..	..	13	4
Metal engineering, &c., trades ..	12	15	26	30	43
Textile trades .. .. .	18	39	50	34	29
Clothing trades .. .. .	12	9	11	9	14
Transport and communication ..	2	..	1	2	..
Woodworking, indiarubber and furnishing trades.(b)	9	9	25	23	38
Chemical, glass, pottery, &c., trades	12	6	14	24	29
Miscellaneous trades.. .. .	32(c)	16	32	25	26
<b>Total .. .. .</b>	<b>104</b>	<b>101</b>	<b>172</b>	<b>172</b>	<b>209</b>
<b>II. NUMBER OF WORKPEOPLE TAKING PART IN STRIKES.</b>					
Building trades .. .. .	1,392	2,068	10,675	15,169	5,375
Mining .. .. .	..	..	..	22,998	628
Metal engineering, &c., trades ..	1,338	1,444	1,521	2,946	3,947
Textile trades .. .. .	2,929	5,420	7,605	6,317	4,085
Clothing trades .. .. .	3,083	375	1,805	668	976
Transport and communication ..	130	..	1,000	249	..
Woodworking, indiarubber and furnishing trades.(b)	341	668	1,210	9,793	2,336
Chemical, glass, pottery, &c., trades	718	2,236	2,314	7,683	9,943
Miscellaneous trades.. .. .	4,085(c)	1,824	2,490	1,250	1,364
<b>Total strikers affected ..</b>	<b>14,015</b>	<b>14,025</b>	<b>28,120</b>	<b>67,081</b>	<b>28,652</b>
<b>Non-strikers affected ..</b>	<b>Not stated.</b>	<b>Not stated.</b>	<b>Not stated.</b>	<b>7,582</b>	<b>2,082</b>
<b>Total workpeople affected ..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>74,663</b>	<b>30,734</b>

### DURATION—

TABLE 102.—AGGREGATE DURATION in

Group of Trades.	Number of				
	1891.(d)	1892.(d)	1893.(d)	1894.	1895.
Building trades .. .. .	5,281	19,410	262,121	132,443	28,558
Mining .. .. .	..	..	..	229,258	2,503
Metal engineering, &c., trades ..	12,911	12,807	15,533	39,509	56,945
Textile trades .. .. .	28,529	53,114	109,880	45,575	33,896
Clothing trades .. .. .	90,888	2,429	5,399	6,655	17,527
Transport and communication ..	390	..	12,000	1,623	..
Woodworking, indiarubber and furnishing trades.(b)	5,336	16,008	20,991	282,370	54,319
Chemical, glass, pottery, &c., trades	4,377	62,623	34,304	42,392	92,862
Miscellaneous trades .. .. .	101,454(c)	4,801	58,363	15,896	14,578
<b>Total working days lost by strikers</b>	<b>247,116</b>	<b>150,992</b>	<b>518,511</b>	<b>795,721</b>	<b>300,348</b>
<b>Total working days lost by non-strikers.</b>	<b>Not stated.</b>	<b>Not stated.</b>	<b>Not stated.</b>	<b>100,312</b>	<b>25,261</b>
<b>Total working days lost by all workpeople affected.</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>896,033</b>	<b>325,609</b>

(a) Compiled from *Arbeitsstörungen und Aussperrungen in Oesterreich*, published by refer exclusively to "industrial" establishments, strikes in agriculture and mining and subsequent years, disputes in the mining industry are included. In these tables *lock-outs* (b) Includes work in bone, ivory and similar substances which admit of being carved. (c) Includes 7 strikes in the printing and allied trades, directly involving 2,236 trade, directly involving 972 workpeople, and with an aggregate duration of 22,000 days. (d) In these years the figures given as to days lost included Sundays and holidays.

IN AUSTRIA.

BY TRADES.(a)

TRADES, and NUMBER of WORKPEOPLE affected by such STRIKES.

1896.	1897.	1898.	1899.	Group of Trades.
I. NUMBER OF STRIKES				
43	34	53	34	Building trades.
11	25	29	26	Mining.
47	46	59	55	Metal, engineering, &c., trades.
43	26	26	85	Textile trades.
25	11	19	17	Clothing trades.
2	5	1	3	Transport and communication.
56	28	28	35	Woodworking, indiarubber, and furnishing trades.(b)
33	34	28	25	Chemical, glass, pottery, &c., trades.
48	35	30	31	Miscellaneous trades.
305	246	255	311	Total.
II. NUMBER OF WORKPEOPLE TAKING PART IN STRIKES.				
5,471	4,995	13,961	7,946	Building trades.
30,120	3,632	7,046	3,477	Mining.
5,091	6,257	3,462	3,815	Metal, engineering, &c., trades.
9,791	11,275	3,171	30,249	Textile trades.
2,563	300	1,354	696	Clothing trades.
65	2,629	124	117	Transport and communication.
5,972	1,382	1,318	3,196	Woodworking, indiarubber, and furnishing trades.(b)
4,092	3,340	4,540	2,671	Chemical, glass, pottery, &c., trades
3,129	4,657	4,682	2,694	Miscellaneous trades.
66,234	38,467	39,658	54,763	Total strikers affected.
3,473	2,858	5,458	5,374	Non-strikers affected.
69,707	41,325	45,116	60,137	Total workpeople affected

BY TRADES.(a)

WORKING DAYS of STRIKES (a) in AUSTRIA.

Working Days Lost.				Group of Trades.
1896.	1897.	1898.	1899.	
24,837	38,090	78,445	57,034	Building trades.
304,171	13,174	54,718	23,621	Mining.
88,729	87,415	46,816	57,153	Metal, engineering, &c., trades.
234,913	97,347	22,352	794,062	Textile trades.
19,031	2,670	8,707	8,055	Clothing trades.
195	7,845	248	765	Transport and communication.
151,398	16,451	30,803	49,051	Woodworking, indiarubber, and furnishing trades.(b)
56,607	62,058	45,494	24,608	Chemical, glass, pottery, &c., trades.
19,968	43,046	36,036	15,588	Miscellaneous trades.
899,939	368,096	323,619	1,029,937	Total working days lost by strikers.
37,945	33,392	29,254	106,248	Total working days lost by non-strikers.
937,884	401,488	352,873	1,136,185	Total working days lost by all workpeople affected..

the Austrian Ministry of Commerce. For the years 1891-3, the figures stated in the tables in foundries and forges connected with mines not being included. In the figures for the are not included; see footnote (b) on pp. 179-180, post.

workpeople, and with an aggregate duration of 75,000 days, and 7 strikes in the baking which are excluded in the later years.

## GROUPED

TABLE 103.—OBJECTS of STRIKES(*b*) in AUSTRIA, with the

Objects or Demands.	Number of Workpeople( <i>c</i> )		
	1894.	1895.	1896.
<b>Wages.</b>			
For increase ... ..	42,766	23,269	58,884
Against decrease ... ..	2,232	1,786	3,085
Other ... ..	22,315	3,574	21,870
<b>Hours of Labour.</b>			
For decrease ... ..	44,946	15,795	37,734
Other ... ..	6,153	480	2,552
<b>Employment of particular classes or persons.</b>	<b>26,906</b>	<b>19,662</b>	<b>61,471</b>
Working arrangements ... ..	18,382	14,061	53,613
Trade Unionism .. ..	12,682	646	12,971
Other objects ... ..	75,959	4,935	31,172

## GROUPED

TABLE 104.—PERCENTAGE of WORKPEOPLE who took part in STRIKES(*b*)

Result of Strikes.	Percentage of Workpeople				
	1891.	1892.	1893.	1894.	1895.
In favour of workpeople ...	11·46	25·00	9·07	9·15	12·81
In favour of employers ...	37·35	16·35	28·99	53·54	26·50
Compromised ... ..	48·27	58·65	61·94	37·31	60·69
Unknown ... ..	2·92	...	...	...	...
<b>Total ... ..</b>	<b>100·00</b>	<b>100·00</b>	<b>100·00</b>	<b>100·00</b>	<b>100·00</b>

(a) Compiled from the source stated in

(b) In addition to the strikes referred to in the tables, mention is made of May 1st :—In 1891, 1 lock-out, directly involving 6,000–8,000 persons ; in directly involving 5,445 persons ; in 1897, 11 lock-outs, directly involving

(c) In the figures stated in this table, a workman, who took part in a strike



**BY OBJECTS. (a)**

NUMBER of WORKPEOPLE who took part in such STRIKES.

involved in strikes.			Objects or Demands.
1897.	1898.	1899.	
			<b>Wages.</b>
35,191	39,049	43,042	For increase.
1,172	3,173	3,446	Against decrease.
3,039	7,970	5,487	Other.
			<b>Hours of Labour.</b>
15,539	17,421	46,497	For decrease.
448	1,067	532	Other.
19,914	15,947	24,063	Employment of particular classes or persons.
25,023	26,685	33,330	Working arrangements.
3,790	6,076	4,700	Trade Unionism.
14,679	14,717	19,942	Other objects.

**BY RESULTS. (a)**

in AUSTRIA, GROUPED according to the RESULTS of such STRIKES.

involved in Strikes.				Result of Strikers.
1896.	1897.	1898.	1899.	
4·60	15·69	8·86	10·21	In favour of workpeople.
32·60	36·50	25·18	17·80	In favour of employers.
62·80	47·81	66·46	71·99	Compromised.
...	...	...	...	Unknown.
100·00	100·00	100·00	100·00	Total.

footnote (a) on pp. 177-178, *ante*.  
the following lock-outs, mainly on account of unauthorised absence on  
1895, 8 lock-outs, directly involving 2,317 persons; in 1896, 10 lock-outs,  
1,712 persons, and in 1899, 5 lock-outs, directly involving 3,457 persons.  
which had, say, two objects, counts as two, and so on.

## TRADE DISPUTES IN THE UNITED STATES.

## NUMBER AND RESULTS.(a)

TABLE 105.—NUMBER of TRADE DISPUTES in the UNITED STATES, NUMBER of WORKPEOPLE affected by, and RESULTS of such DISPUTES.

STRIKES.										
Year.	Number of Strikes.	NUMBER of Employees thrown out of employment by Strikes, the Results of which were				Total	PERCENTAGE of Employees thrown out of employment by Strikes, the Results of which were			
		In favour of Work-people.	In favour of Em-ployers.	Compro-mised.	Un-settled or un-known.		In favour of Work-people.	In favour of Em-ployers.	Compro-mised.	Un-settled or un-known.
							Per cent.	Per cent.	Per cent.	Per cent.
1881 ..	471	55,600	56,439	17,482	..	129,521	42' 93	43' 57	13' 50	..
1882 ..	454	45,746	101,813	7,112	..	154,671	29' 58	65' 82	4' 60	..
1883 ..	478	55,140	77,599	17,024	..	149,763	36' 82	51' 81	11' 37	..
1884 ..	443	52,736	89,274	5,044	..	147,054	35' 86	60' 71	3' 43	..
1885 ..	645	115,375	103,475	23,865	..	242,705	47' 54	42' 63	9' 83	..
1886 ..	1,432	195,400	238,229	74,167	248	508,044	38' 46	46' 89	14' 60	0' 05
1887 ..	1,436	127,579	225,055	26,442	..	379,676	33' 80	59' 43	6' 97	..
1888 ..	906	41,106	95,468	11,130	..	147,704	27' 83	64' 63	7' 54	..
1889 ..	1,075	72,099	114,853	62,607	..	249,559	28' 89	46' 02	25' 09	..
1890 ..	1,833	158,787	144,681	48,444	32	351,944	45' 12	41' 11	13' 76	0' 01
1891 ..	1,717	80,766	195,288	22,865	..	298,919	27' 02	65' 33	7' 65	..
1892 ..	1,298	61,126	129,117	16,429	..	206,671	29' 58	62' 47	7' 95	..
1893 ..	1,305	62,018	160,741	41,765	1,390	265,914	23' 32	60' 45	15' 71	0' 52
1894 (six months)	806	65,048	328,627	88,391	..	482,066	13' 49	68' 17	18' 34	..
Total ..	14,389	1,188,525	2,061,259	462,777	1,670	3,714,231	32' 00	55' 50	12' 46	0' 04

(a) Compiled from the Third and Tenth Annual Reports of the (United States) Commissioner of Labor.

NUMBER AND RESULTS—continued.

TABLE 105.—NUMBER of TRADE DISPUTES in the UNITED STATES, NUMBER of WORKPEOPLE affected by, and RESULTS of such DISPUTES—continued.

LOOK-OUTS.											
Year.	Number of Lock-outs. (a)	Number of Em- ployees affected. (b)	NUMBER of Establishments in which results of Lock-outs were				Total.	PERCENTAGE of Establishments in which Results of Lock-outs were			
			In favour of Em- ployers.	In favour of Work- people.	Com- pro- mised.	Un- settled.		In favour of Em- ployers.	In favour of Work- people.	Com- pro- mised.	Un- settled.
								Per cent.	Per cent.	Per cent.	Per cent.
1881 ..	9	655	8	..	1	..	9	88'89	..	11'11	..
1882 ..	42	4,131	27	15	..	..	42	64'29	35'71	..	..
1883 ..	117	20,512	66	51	..	..	117	56'41	43'59	..	..
1884 ..	354	18,121	99	254	1	..	354	27'97	71'75	0'28	..
1885 ..	183	15,424	70	107	6	..	183	38'25	58'47	3'28	..
1886 ..	1,509	101,980	294	912	182	121	1,509	19'48	60'44	12'06	8'02
1887 ..	67	59,630	438	827	16	..	1,281	34'19	64'56	1'25	..
1888 ..	40	15,176	134	39	7	..	180	74'44	21'67	3'89	..
1889 ..	36	10,731	54	44	34	..	132	40'91	33'33	25'76	..
1890 ..	64	21,555	213	93	18	..	324	65'74	28'70	5'56	..
1891 ..	69	31,014	349	119	78	..	546	63'92	21'79	14'29	..
1892 ..	61	32,014	495	40	181	..	716	69'13	5'59	25'28	..
1893 ..	70	21,842	119	113	53	21	305	39'02	37'05	17'05	6'88
1894 (six months) }	85	13,905	81	283	5	..	369	21'95	76'69	1'36	..
Total ..	..	366,696	2,447	2,897	531	142	6,067	46'33	47'75	9'56	2'34

(a) For 1881-86 the number stated is that of the establishments affected by lock-outs, for 1887 and onwards the number is that of the lock-outs, whatever the number of establishments affected by each lock-out.  
(b) For 1881-86 the numbers are those of the employees locked-out (the number of the other workpeople affected not being given in the source).

TRADE DISPUTES :

GROUPED BY TRADES.(a)

TABLE 106.—NUMBER of WORKPEOPLE affected by TRADE DISPUTES in the UNITED STATES in the period from January 1, 1881, to June 30, 1894, with the NUMBER of ESTABLISHMENTS in which such DISPUTES took place, and the AVERAGE NUMBER of DAYS of DURATION of such DISPUTES, classified according to GROUPS of TRADES.

Group of Trades.	Number of Workpeople affected by Disputes.(b)	Number of Establishments, in which Disputes took place.	Average Number of Days of Duration of Disputes (per Establishment).
Building trades .. .. .	506,086	29,291	25'0
Mining (including gas and coke-making) and quarrying (including stone-cutting).	1,169,415	11,166	47'8
Metal trades (including shipbuilding) ..	457,382	4,362	27'0
Textile trades .. .. .	280,688	1,276	24'9
Clothing trades .. .. .	346,391	7,217	23'5
Transport .. .. .	411,429	2,922	16'7
Timber, woodworking, and furnishing trades	185,015	3,544	23'0
Miscellaneous trades.. .. .	745,515	15,455	21'0
Total and General Average .. ..	4,069,921	75,233	27'1

DURATION.(a)

TABLE 107.—NUMBER of ESTABLISHMENTS in which TRADE DISPUTES took place in the UNITED STATES, with the AVERAGE NUMBER of DAYS of DURATION (PER ESTABLISHMENT) of such DISPUTES.

Year.	Number of Establishments.	Average Number of Days of Duration (per Establishment).	Year.	Number of Establishments.	Average Number of Days of Duration (per Establishment).
1881 .. ..	2,937	12'8	1889 .. ..	3,918	27'2
1882 .. ..	2,147	23'5	1890 .. ..	9,748	25'8
1883 .. ..	2,876	22'1	1891 .. ..	8,662	35'0
1884 .. ..	2,721	31'9	1892 .. ..	6,356	28'9
1885 .. ..	2,467	29'8	1893 .. ..	4,860	21'3
1886 .. ..	11,562	25'5	1894 (six months)	5,523	36'5
1887 .. ..	7,870	25'6	Total and Gen- eral Average }	75,233	27'1
1888 .. ..	3,686	23'0			

(a) Compiled from the source stated in footnote on p. 181, ante.  
(b) So far as concerns the number of workpeople affected by lock-outs included in the figures stated in the table, the numbers for 1881-86 are those of the employees locked-out; see footnote (b) on p. 182, ante.

## GROUPED BY CAUSES.(a)

TABLE 108.—PRINCIPAL CAUSES OF OBJECTS OF TRADE DISPUTES in the UNITED STATES in the period from January 1, 1881, to June 30, 1894, with the NUMBER of ESTABLISHMENTS involved in those DISPUTES.

STRIKES.					
Principal Cause or Object.	Establishments involved in Disputes.		Principal Cause or Object.	Establishments involved in Disputes.	
	NUMBER.	PER CENT.		NUMBER.	PER CENT.
<b>Wages.</b>			<b>Employment of particular classes or persons.</b>	581	0'86
For increase .. ..	31,748	45'80	<b>Working arrangements ..</b>	..	..
Against decrease .. ..	5,564	8'04	<b>Trade Unionism .. ..</b>	3,636	5'26
Other .. ..	383	0'55	<b>Other causes .. ..</b>	15,105	21'84
<b>Total Wages Strikes ..</b>	<b>37,695</b>	<b>54'49</b>	<b>Grand Total ..</b>	<b>69,166</b>	<b>100'00</b>
<b>Hours of Labour.</b>					
For decrease .. ..	11,641	16'83			
Other .. ..	498	0'72			
<b>Total Hours of Labour Strikes. }</b>	<b>12,139</b>	<b>17'55</b>			

LOCK-OUTS.					
Principal Cause or Object.	Establishments involved in Disputes.		Principal Cause or Object.	Establishments involved in Disputes.	
	NUMBER.	PER CENT.		NUMBER.	PER CENT.
<b>Wages.</b>			<b>Employment of particular classes or persons.</b>	273	4'59
For increase .. ..	644	10'62	<b>Working arrangements ..</b>	323	5'31
Against decrease .. ..	534	8'80	<b>Trade Unionism .. ..</b>	1,742	28'71
Other .. ..	739	12'18	<b>Other causes .. ..</b>	1,436	23'72
<b>Total Wages Strikes ..</b>	<b>1,917</b>	<b>31'60</b>	<b>Grand Total ..</b>	<b>6,067</b>	<b>100'00</b>
<b>Hours of Labour.</b>					
For decrease .. ..	121	1'99			
Other .. ..	253	4'17			
<b>Total Hours of Labour Strikes. }</b>	<b>374</b>	<b>6'16</b>			

(a) Compiled from the source stated in footnote on p. 181, *ante*.

## GROUPED

TABLE 109.—NUMBER of WORKPEOPLE affected by TRADE

State or Territory.	Population according to Census of		Number				
	1880.	1890.	1881.	1882.	1883.	1884.	1885.
Alabama .. ..	1,262,506	1,513,017	..	1,119	500	363	300
Arizona .. ..	40,440	59,830	..	..	..	100	..
Arkansas .. ..	1,802,535	1,128,179	80	..	80	23	95
California .. ..	864,694	1,208,130	..	44	3,326	3,723	1,183
Colorado .. ..	194,337	412,188	126	1,156	715	5,947	2,517
Connecticut .. ..	622,700	746,258	1,254	3,326	677	5,066	6,618
Dakota, North .. ..	155,177	182,719	300	329	400	350	300
Dakota, South .. ..		328,808					
Delaware .. ..	148,808	168,493	349	300	73	346	60
District of Columbia ..	177,624	230,392	641	412	1,396	728	97
Florida .. ..	269,493	391,422	..	..	..	..	5,642
Georgia .. ..	1,542,180	1,837,353	1,314	15	10	28	95
Idaho .. ..	32,610	84,385	..	..	..	..	..
Illinois .. ..	3,077,871	3,826,351	18,401	14,808	20,648	9,901	22,800
Indiana .. ..	1,978,301	2,162,404	1,383	724	3,951	4,246	4,527
Indian Territory ..	Not stated.	180,182	..	..	..	..	..
Iowa .. ..	1,634,615	1,911,896	1,462	3,717	3,192	5,234	2,897
Kansas .. ..	998,096	1,427,096	..	..	696	615	581
Kentucky .. ..	1,648,690	1,858,635	1,218	475	143	57	1,100
Louisiana .. ..	939,946	1,118,587	10,180	..	1,350	5,021	36
Maine .. ..	648,936	661,096	2,510	130	269	400	647
Maryland .. ..	934,943	1,042,390	725	4,246	1,458	124	2,449
Massachusetts .. ..	1,783,085	2,238,943	2,344	12,239	4,495	11,730	22,461
Michigan .. ..	1,636,937	2,093,889	6,947	3,727	3,687	1,788	9,967
Minnesota .. ..	780,773	1,301,836	872	1,677	2,379	446	894
Mississippi .. ..	1,131,587	1,289,690	..	..	..	..	137
Missouri .. ..	2,168,380	2,679,184	3,975	3,943	5,205	1,188	11,530
Montana .. ..	39,159	132,159	..	..	..	60	13
Nebraska .. ..	452,402	1,058,910	60	581	61	69	..
New Hampshire .. ..	346,991	376,530	250	..	28	..	873
New Jersey .. ..	1,131,116	1,444,933	1,190	2,583	928	1,692	2,768
New Mexico .. ..	119,595	153,593	..	..	10	610	..
New York .. ..	5,082,871	5,997,853	24,760	30,078	59,251	36,859	44,723
North Carolina .. ..	1,399,750	1,617,947	..	..	..	..	..
Ohio .. ..	3,196,062	3,673,316	11,317	16,833	14,170	14,795	36,689
Oregon .. ..	174,768	313,767	68	189	..	359	18
Pennsylvania .. ..	4,282,891	5,258,014	29,743	49,620	33,944	47,950	60,553
Rhode Island .. ..	276,531	345,506	255	..	261	1,267	1,489
South Carolina .. ..	995,577	1,151,149	810	..	65	200	..
Tennessee .. ..	1,542,359	1,767,518	125	94	370	800	626
Texas .. ..	1,561,749	2,335,523	46	294	590	630	4,174
Utah .. ..	143,963	207,905	300	180	..	..	100
Vermont .. ..	332,286	332,422	..	..	..	..	35
Virginia .. ..	1,512,565	1,655,980	898	820	3,969	1,351	95
Washington .. ..	75,116	349,390	..	..	..	1,614	..
West Virginia .. ..	618,467	763,794	1,067	3,592	..	60	4,265
Wisconsin .. ..	1,315,497	1,696,880	3,047	1,781	1,289	87	3,237
Wyoming .. ..	20,789	60,706	..	..	7	8	1,789
Total United States ..	50,993,517(c)	62,694,837(d)	136,176	159,362	170,275	165,175	253,129

(a) Compiled from the Statistical Abstract of the United States, the sources stated in footnote (a) on  
(b) So far as concerns the number of workpeople affected by lock-outs included in the figures stated in  
(c) The total population of the United States according to the Census of 1890 was 50,155,783, including  
persons in Indian Territory, on Indian reservations and in Alaska.  
(d) The total population of the United States according to the Census of 1880 was 62,622,250, including  
Indians and other persons in Indian Territory, on Indian reservations and in Alaska; including these

BY LOCALITY.<sup>(a)</sup>

DISPUTES in each STATE and TERRITORY of the UNITED STATES.

of Workpeople affected (b) by Disputes.									State or Territory.
1886.	1887.	1888.	1889.	1890.	1891.	1892.	1893.	1894 (six months.)	
64	2,487	1,012	4,991	10,155	217	40	1,143	9,186	Alabama.
100	..	94	85	81	82	88	1,380	1,077	Arizona.
2,184	1,413	2,889	887	3,363	2,314	1,080	747	11,868	Arkansas.
1,171	687	710	740	2,270	1,910	877	1,928	7,355	California.
9,735	6,186	1,651	2,077	13,278	2,300	4,043	5,450	1,413	Colorado.
327	..	307	145	85	213	46	..	..	Connecticut.
739	1,290	819	425	244	112	..	282	..	Dakota, North.
2,465	93	15	20	274	198	8	412	..	Dakota, South.
536	4,434	1,649	6,775	3,122	986	4,006	5,025	1,783	Delaware.
2,979	409	1,218	1,890	721	5,087	1,204	1,006	2,248	District of Columbia.
126,924	78,063	25,487	17,668	90	350	3,000	50,830	150	Florida.
4,976	7,542	1,332	7,037	68,170	97,544	26,924	9,082	141,523	Georgia.
..	..	..	..	3,171	13,567	2,682	..	13,712	Idaho.
2,018	152	2,056	338	87	5,869	689	217	7,640	Illinois.
678	1,019	7,154	245	218	805	406	8,119	849	Indiana.
2,074	3,147	592	234	3,917	1,502	1,803	6,019	9,476	Indian Territory.
431	6,000	..	..	2,584	690	29,928	..	..	Iowa.
4,804	1,840	905	1,248	1,352	245	2,591	5,182	184	Kansas.
10,314	2,073	803	612	3,095	2,196	5,796	179	4,078	Kentucky.
43,962	30,887	13,847	28,648	20,065	11,883	17,957	13,520	14,581	Louisiana.
7,522	5,135	1,286	1,220	9,919	4,651	3,553	3,985	3,713	Maine.
5,402	2,737	4,797	5,589	5,263	4,764	2,237	4,456	20,126	Maryland.
60	420	..	83	387	6	209	..	..	Massachusetts.
19,037	1,868	2,284	4,210	2,619	2,400	6,586	8,194	7,410	Michigan.
1,125	245	37	34	1,070	715	217	..	89	Minnesota.
59	1,157	812	315	468	911	5	8,982	124	Mississippi.
7,490	3,044	132	1,218	4,006	361	694	450	1,185	Missouri.
15,233	17,342	6,780	6,129	10,974	10,721	2,149	5,985	19,984	Montana.
210,609	71,069	825	800	555	566	51,098	19,785	358	Nebraska.
116	..	..	..	..	..	53	..	200	New Hampshire.
23,529	14,530	7,306	5,494	10,744	20,362	9,939	31,665	54,945	New Jersey.
..	60	13	47	1,456	..	95	52	..	New Mexico.
78,301	156,706	30,034	104,259	85,550	112,519	33,482	67,800	104,849	New York.
2,119	1,334	1,419	868	2,447	2,431	1,035	7,476	689	North Carolina.
20	63	20	20	..	32	..	..	..	Ohio.
876	1,362	609	5,132	2,329	4,305	1,687	3,985	4,160	Oregon.
2,442	326	12	163	1,624	1,369	195	433	109	Pennsylvania.
..	18	..	15	1,324	..	129	227	260	Rhode Island.
140	28	25	151	1,490	1,301	2,258	65	..	South Carolina.
3,434	2,095	90	2,490	1,685	364	339	248	441	Tennessee.
690	..	287	1,706	2,280	1,137	478	387	791	Texas.
3,612	7,385	6,632	5,193	3,667	1,328	5,770	5,806	20,768	Utah.
11,227	4,150	2,453	3,630	6,351	11,904	13,741	6,885	5,652	Vermont.
500	..	9	..	1,209	..	400	..	..	Virginia.
610,924	439,366	162,536	266,299	373,499	329,953	233,635	287,756	495,971	Washington.
..	..	..	..	..	..	..	..	..	West Virginia.
..	..	..	..	..	..	..	..	..	Wisconsin.
..	..	..	..	..	..	..	..	..	Wyoming.
610,924	439,366	162,536	266,299	373,499	329,953	233,635	287,756	495,971	Total United States.

p. 126, ante, and the volumes of the Census of the United States of the years specified.  
 the table, the numbers for 1881-86 are those of employees locked-out; see footnote (b) on p. 182, ante.  
 Nevada (which is not mentioned in the statistics as to trade disputes), but excluding Indians and other persons the population was 62,929,776.





---

**CONCILIATION AND ARBITRATION.**

---

## CONCILIATION AND ARBITRATION IN THE GERMAN EMPIRE.

### BY INDUSTRIAL COURTS.<sup>(a)</sup>

TABLE 110.—NUMBER of APPLICATIONS for the INTERVENTION of the  
INDUSTRIAL COURTS in relation to DISPUTES between EMPLOYERS and  
EMPLOYED in the GERMAN EMPIRE, with the RESULTS of such  
INTERVENTION.

Year.	Number of Appli- cations for Inter- vention of Courts.	Number of Agree- ments brought about by Courts.	Number of Decisions pro- nounced by Courts.	Number of Cases in which the Decisions referred to in the preceding column were		Number of unsuccessful Attempts by Courts to effect Conciliation (no Decision being pronounced).
				Accepted.	Rejected.	
1893	5	3	...	...	...	2
1894	16	7	3	1	4	2
1895	19	13	3	...	2	...
1896	44	18	11	2	9	8

(a) Compiled from *Kommission für die Petitionen*, No. 196-201, *Reichstag 6. Legislatur-Periode V. Session*, 1897-98 (German Parliamentary Paper). The figures in the table are given as printed in this document. The Industrial Courts (of which there were 284 at the end of 1896) exist primarily for the settlement of disputes having reference to the fulfilment of existing labour contracts, but in the event of a strike or lock-out, or of a dispute which might result in either, an Industrial Court must intervene when both parties ask it to do so. With regard to the proceedings of those Courts in 1897-99, the following figures are contained in *Das Gewerbegericht* (June 1st, 1901), the official organ of the Federation of German Industrial Courts: Number of applications for intervention of Courts, 27, 30, and 50; number of agreements brought about by Courts, 12, 9, and 16; number of decisions pronounced by Courts, 4, 6, and 5; and number of cases in which these decisions were accepted, 2, 1, and 2 in the years 1897, 1898, and 1899, respectively.

## CONCILIATION AND ARBITRATION IN FRANCE.

## UNDER THE LAW OF 1892.(a)

TABLE 111.—NUMBER of CASES in which the CONCILIATION and ARBITRATION ACT (of December 27th, 1892) was put into OPERATION in FRANCE, and NUMBER of DISPUTES settled under this LAW.

—	1893.	1894.	1895.	1896.	1897.	1898.	1899.
No. of strikes ... ..	634	391	405(b)	476	356	368	740(c)
No. of cases, in which the Act was put into operation before the commencement of any strike. (d)	7	8	5	6	3	2	2
No. of cases in which the Act was put into operation:—							
By initiative of employers ...	5	4	2	4	4	3	1
By initiative of workpeople ...	56	51	46	57	46	57	112
By initiative of both sides ...	2	2	3	4	1	2	4
By initiative of Justice of the Peace.	46	44	34	39	37	32	80
Total ... ..	109	101	85	104	88	94	197
No. of strikes settled before formation of Conciliation Committees.	13	8	4	7	9	4	9
No. of refusals to settle by conciliation:—							
By employers ... ..	34	24	29	41	20	32	65
By workpeople... ..	6	4	...	3	2	1	1
By both parties ... ..	2	1	2	...	3	5	13
Total ... ..	42	29	31	44	25	38	79
No. of Conciliation Committees formed. (e)	55	65	53	53	54	52	106
No. of Committees (e) which settled disputes:—							
By conciliation... ..	28	31	24	21	25	18	36
By arbitration ... ..	5	2	3	1	5	2	6
Total ... ..	33	33	27	22	30	20	42

(a) Compiled from *Statistique des Grèves et des Recours à la Conciliation et à l'Arbitrage*, published by the French Labour Department.

(b) In addition to these 405 strikes there was one lock-out in 1895, which was not settled either by conciliation or arbitration.

(c) In addition to these 740 strikes there were, in 1899, 5 lock-outs (arising out of the application of the Workmen's Compensation Law of April 9th, 1898), none of which were settled by conciliation or arbitration.

(d) Out of the 33 cases in seven years, in which the Act was put into operation before the commencement of any strike, a stoppage was averted in 14 cases.

(e) In a few cases there have been several distinct committees in relation to the same dispute.

# CONCILIATION AND ARBITRATION IN THE UNITED STATES.

## STATE BOARD OF ARBITRATION AND CONCILIATION OF MASSACHUSETTS.<sup>(a)</sup>

TABLE 112.—CASES submitted to the STATE BOARD of ARBITRATION and CONCILIATION of MASSACHUSETTS, classified (Part I.) by YEARS, (Part II.) by INDUSTRIES, and (Part III.) by RESULTS.

Part I.—Number of Establishments involved in Industrial Controversies which were submitted to the State Board of Arbitration and Conciliation of Massachusetts, with the Total number of Trade Disputes in that State, and the Total Number of Establishments in which such Disputes occurred.

Year.	Number of Trade Disputes Recorded.	Number of Establishments, in which the Trade Disputes referred to in Col. (2) occurred.	Number of Establishments involved in Industrial Controversies submitted to Board.
(1)	(2)	(3)	(4)
1886	1	9	5
1887	142	456	21
1888	100	172	42
1889	130	288	25
1890	158	566	32
1891	145	244	30
1892	162	585	40
1893	175	383	33
1894	100 <sup>(b)</sup>	127 <sup>(b)</sup>	39
1895	(c)	(c)	32
1896	(c)	(c)	31
Total ...	1,113	2,830	330

<sup>(a)</sup> Compiled from *Labour Bulletin of the Commonwealth of Massachusetts* published by the Bureau of Statistics of Labour of Massachusetts.

<sup>(b)</sup> Includes only six months.

<sup>(c)</sup> Record not yet made up.

STATE BOARD OF ARBITRATION AND CONCILIATION OF MASSACHUSETTS—continued.

TABLE 112.—CASES submitted to the STATE BOARD of ARBITRATION and CONCILIATION of MASSACHUSETTS, classified (Part I.) by YEARS, (Part II. by INDUSTRIES, and (Part III.) by RESULTS—continued.

Part II.—Number of Establishments involved in Industrial Controversies submitted to the Board, Grouped by Trades, in 1886–96.

Group of Trades.	Number of Establishments involved in Industrial Controversies submitted to Board.	Group of Trades.	Number of Establishments involved in Industrial Controversies submitted to Board.
Building ... ..	19	Boots and shoes ...	170
Railroad construction and equipment.	8	Clothing ... ..	9
Stone ... ..	12	Printing, publishing and bookbinding.	6
Machines and machinery.	4	Furniture ... ..	8
Shipbuilding ...	6	Leather ... ..	6
Metals and metallic goods.	6	Rubber and elastic goods.	4
Musical instruments and materials.	4	Miscellaneous trades	28
Cotton, woollen and other textiles.	40	Total ... ..	330

Part III.—Number of Establishments involved in Industrial Controversies submitted to the Board, Grouped by Results, in 1886–96.

Mode of Settlement.	Number of Establishments involved in Industrial Controversies submitted to Board which were settled as stated in Col. 1.	Percentage of Total Number of Establishments involved in Industrial Controversies submitted to Board which were settled as stated in Col. 1.
(1)	(2)	(3)
By those concerned	136	Per cent. 41·22
Recommendations of Board accepted.	123	37·27
No agreement ...	71	21·51
Total ... ..	330	100·00



---

**TRADE UNIONS.**

---

## TRADE UNIONS IN DENMARK.

NUMBER, MEMBERSHIP, INCOME AND EXPENDITURE,  
1894 and 1896.(a)

TABLE 113.—NUMBER and MEMBERSHIP of TRADE UNIONS and FEDERATIONS of TRADE UNIONS in DENMARK, with their INCOME and EXPENDITURE.

	1894.	1896.
Number of Federations of Trade Unions .. .. .	23	40
Number of Unions affiliated to Federations .. .. .	426	802(b)
Membership of Unions affiliated to Federations .. .. .	25,576	54,757
Number of non-federated Trade Unions .. .. .	45	58
Membership of non-federated Unions .. .. .	2,265	8,680
Total Membership of all Trade Unions .. .. .	27,841	63,437
Total Income of all Trade Unions .. .. .	£17,632	£39,504
Total Expenditure of all Trade Unions .. .. .	£14,548	£32,593

## NUMBER AND MEMBERSHIP, 1900.(c)

TABLE 114.—NUMBER and MEMBERSHIP of TRADE UNIONS in DENMARK, on  
JANUARY 1st, 1900.

MEMBERSHIP OF TRADE UNIONS.	NUMBER OF TRADE UNIONS.				
	Affiliated to the General Federation of Danish Trade Unions.		Not affiliated to the General Federation of Danish Trade Unions.		Total.
	Affiliated to Central Federations.	Local Unions (not affiliated to Central Federations).	Affiliated to Central Federations.	Local Unions (not affiliated to Central Federations).	
Unions with:—					
10 members or less .. .. .	299	..	17	..	316
Over 10 and up to 50 members .. .. .	489	7	29	4	529
" 50 " " 100 " .. .. .	126	15	32	..	173
" 100 " " 250 " .. .. .	90	5	14	2	111
" 250 " " 500 " .. .. .	26	1	1	2	30
" 500 " " 1,000 " .. .. .	17	..	2	3	22
" 1,000 members .. .. .	11	..	2	1	14
TOTAL Number UNIONS ..	1,058	28	97	12	1,195
" Membership " ..	78,867	2,402	9,716	5,310	96,295

(a) Compiled from *Die Gewerkschaftsbewegung*, by W. Kulemann, Jena, Gustav Fischer, 1900.

(b) The authority referred to in footnote (a) gives details as to the trades in which 776 of these unions existed, which show that they were distributed as under :—

Group of Trades.	Number of Unions.	Membership in 1896 of Unions referred to in Col. 2. (3)	Group of Trades.	Number of Unions.	Membership in 1896 of Unions referred to in Col. 5. (6)
(1)	(2)	(3)	(4)	(5)	(6)
Building trades .. .. .	156	9,094	Woodworking and furnishing	81	4,418
Metal, engineering, and ship-building .. .. .	117	6,739	Glass trades .. .. .	4	190
Textile trades .. .. .	12	1,200	Food and tobacco trades .. .. .	102	4,331
Clothing trades .. .. .	109	4,200	Leather trades .. .. .	38	615
Printing, paper, and allied trades .. .. .	63	2,825	General labourers .. .. .	96	19,395
			Total .. .. .	776	53,007

The above figures are exclusive of 12 unions of chamois dressers, lithographers, and domestic servants, which are stated to have between them about 1,000 members.

(c) Compiled from *Statistisk Aarbog, 5te Aargang, 1900*, published by the Danish Government Statistical Office.



## GROUPED BY TRADES.(a)

TABLE 115.—NUMBER and MEMBERSHIP of TRADE UNIONS in DENMARK in 1900, GROUPED by TRADES.

Group of Trades.	Number of Trade Unions.	Membership of Trade Unions.
Building trades .. .. .	211	14,391
Metal, engineering and shipbuilding .. .. .	147	10,954
Textile trades .. .. .	34	3,056
Clothing trades .. .. .	123(b)	8,381(b)
Transport .. .. .	58	8,357
Printing, paper and allied trades .. .. .	67	3,554
Woodworking and furnishing .. .. .	111	5,520
Glass, pottery, &c. trades .. .. .	7	618
Food and tobacco trades .. .. .	160	7,701
Leather trades .. .. .	53	1,186
General labourers .. .. .	178(c)	29,044(c)
Miscellaneous .. .. .	37	3,225
Trades not specified .. .. .	11	2,072
Total ..	1,196	96,359

## TRADE UNIONS IN THE GERMAN EMPIRE.

## GEWERKVEREINE—HIRSCH-DUNCKER—NUMBER, MEMBERSHIP AND EXPENDITURE.(d)

TABLE 116.—NUMBER, MEMBERSHIP, and EXPENDITURE on certain BENEFITS of the GEWERKVEREINE (HIRSCH-DUNCKER TRADE UNIONS, affiliated to the FEDERATION of GERMAN TRADE UNIONS) in the GERMAN EMPIRE.

Number, Membership and Benefits.	1892.	1893.	1894.	1895.	1896.	1897.	1898.
Number of local Unions comprised in federation.	1,313(e)	not stated	1,436(f)	not stated.	not stated.	1,633	not stated.
Membership of Unions making returns.	57,797	61,153	67,058	67,226	71,767	79,563	88,423
Benefits paid by Unions making returns:—							
Unemployed, travelling, migration(g)	£ 2,355	£ 2,785	£ 3,066	£ 3,231	£ 3,094	£ 3,430	£ 4,251
Dispute .. .. .	70	40	67	186	411	335	585
Relief in special distress..	541	505	520	518	583	772	645

(a) Compiled from an article by J. Jensen, Chairman of the General Federation of Danish Trade Unions, in *Correspondenzblatt der Generalkommission der Gewerkschaften Deutschlands*, November 12th, 1900. With regard to the classes of benefit paid by the trade unions referred to in the table, it is stated that dispute pay is paid by 1,136 unions, with an aggregate membership of 88,763, unemployed pay by 465 unions with 32,220 members, travelling pay by 676 unions with 37,135 members, sick pay by 78 unions with 3,932 members, accident pay by 82 unions with 5,563 members, and funeral benefit by 191 unions with 10,050 members; 43 unions with 5,424 members, are stated not to pay any benefits of the classes just referred to.

(b) Including 4 unions of seamstresses with an aggregate membership of 140.

(c) Including 7 unions of female labourers with an aggregate membership of 1,400.

(d) Compiled from the statistics published by the Federation of German "Gewerkvereine" (Hirsch-Duncker Trade Unions)—*Arbeits-Statistik der Deutschen Gewerkvereine (Hirsch-Duncker)*—and *Der Gewerkverein* (the organ of the Federation of those Trade Unions). All the trade unions included in the returns do not pay all the benefits mentioned in the table. The total membership of the Trade Unions affiliated to the Federation at the end of 1899 was 91,661.

(e) Beginning of 1892.

(f) End of 1894.

(g) Exclusive of contributions of unemployed members remitted, amounting to £157 in 1892, £169 in 1893, £163 in 1894, £182 in 1895, £126 in 1896, and £131 in 1897; in 1898, however, such contributions are included in unemployed benefit.

**GEWERKSCHAFTEN—NUMBER, MEMBERSHIP, INCOME, EXPENDITURE AND FUNDS.(a)**

**TABLE 117.—NUMBER, MEMBERSHIP, INCOME, EXPENDITURE and FUNDS in HAND of the GEWERKSCHAFTEN (SOCIAL-DEMOCRATIC TRADE UNIONS) in the GERMAN EMPIRE.**

Memberships, Funds, &c.	1891.	1892.	1893.	1894.	1895.	1896.	1897.	1898.	1899.
<b>Number and Membership.</b>									
Number of central federations ..	62	56	51	54	53	51	56	57	55
Number of branches ..	2,551	3,956	14,133	4,350	4,819	5,490	6,151	6,756	7,623
<b>Membership of central federations(b)—</b>									
Male ..	..	232,789	218,146	241,343	252,478	313,965	397,715	481,961	561,293
Female ..	..	4,355	5,384	6,251	6,697	15,265	14,644	13,481	12,290
Total ..	277,659	237,094	223,530	248,494	259,175	329,230	412,359	494,742	560,473
Approximate membership of non-federated Local Unions.	10,000	7,840	6,280	5,550	10,781	5,858	6,803	17,500	15,946
<b>Total Membership</b> ..	<b>287,659</b>	<b>244,734</b>	<b>229,810</b>	<b>254,044</b>	<b>269,956</b>	<b>335,088</b>	<b>419,162</b>	<b>512,242</b>	<b>576,419</b>
<b>Income and Expenditure.</b>									
Number of Central Federations making returns as to their finances under some or all of the heads stated below.	50	51	49	45	48	50	52	57	55
	£	£	£	£	£	£	£	£	£
<b>TOTAL INCOME FOR TRADE UNION PURPOSES.</b>	<b>55,829</b>	<b>101,596</b>	<b>112,318</b>	<b>134,278</b>	<b>151,840</b>	<b>180,822</b>	<b>204,185</b>	<b>275,433</b>	<b>384,358</b>
<b>EXPENDITURE.</b>									
Trade purposes (Strikes, Defence of Rights, Support of Discharged Employees).	80,040 (c)	14,581	5,311	10,826	15,488	50,003	47,144	57,832	111,805
Unemployed, Travelling, Sick and Superannuation, Special (Migration, Death, Distress).		39,348	44,805	52,872	49,786	54,751	56,842	60,416	74,245
Publication of Federation Journal ..		14,274	14,608	13,298	13,720	18,135	21,963	25,947	30,178
Agitation ..		1,670	2,197	2,320	2,671	4,334	5,444	6,817	10,051
Sundry Expenses ..		88	12,678	7,254	1,856	3,444	3,147	5,888	7,374
Employment Bureau ..	..	..	..	..	..	..	56	191	148
Office Expenses (including Salaries, Subscription to General Committee and Costs of Law-suits) of Head Offices.	..	10,175	11,359	9,401	12,799	14,617	16,425	21,127	24,822
Balance of Contributions remaining with Branch Offices.	Not stated.	9,496	12,636	7,006	14,130	21,108	27,334	36,155	65,385
<b>Funds in Hand</b> ..	<b>21,350</b>	<b>32,317</b>	<b>40,029</b>	<b>66,891</b>	<b>82,847</b>	<b>116,184</b>	<b>147,571</b>	<b>218,666</b>	<b>278,877</b>

(a) Compiled from *Correspondenzblatt der Generalkommission der Gewerkschaften Deutschlands*, the organ of the *Gewerkschaften* (Social-Democratic Trade Unions).

(b) The figures as to membership rest partly on estimates; for 1891-93 the number of members given is that at the end of the financial year, for 1894 and onwards the mean between the numbers at the end of each quarter.

(c) It is not possible to distinguish the different items of expenditure in 1891.

CHRISTIAN TRADE UNIONS—NUMBER AND MEMBERSHIP.(a)

TABLE 118.—NUMBER and MEMBERSHIP at the End of 1899 of the CHRISTIAN TRADE UNIONS in the GERMAN EMPIRE, GROUPED by TRADES.

Group of Trades.	Number of Trade Unions.	Membership of Trade Unions.
Building trades... ..	2	1,753
Mining ... ..	1	22,000
Mining and metal trades ... ..	1	8,000
Metal trades ... ..	5	4,107
Metal and chemical trades ... ..	1	350
Textile trades ... ..	10	20,350
Clothing (boot and shoe) and leather trades	3	983
Transport (railway servants, including artisans, &c., employed in railway service). (b)	3	47,377
Woodworking trades ... ..	1	1,000
Brick and tile making ... ..	1	3,180
Tobacco trades ... ..	1	500
Various trades combined and miscellaneous unions.	7	2,260
Total ... ..	36	111,860

TRADE UNIONS IN HOLLAND.

NUMBER.(c)

TABLE 119.—NUMBER of TRADE UNIONS in HOLLAND in 1895, GROUPED by TRADES.

Group of Trades.	Number of Trade Unions making Returns.		Group of Trades.	Number of Trade Unions making Returns.	
	Ordinary.	Roman Catholic.		Ordinary.	Roman Catholic.
Building trades (including laying, mending and cleaning of roads, maintenance of canals, &c.).	93	15	Printing and paper-making.	32	1
Metal, engineering and shipbuilding trades.	30	19	Woodworking and furnishing trades.	32	19
Textile trades (cotton operatives).	10	7	Food, drink and tobacco trades.	73	17
Clothing trades ..	10	10	Leather trades ..	..	7
Land transport ..	48	2	Other trades ..	7	10
Water transport ..	15	..	General unions (not confined to one trade).	2	9
Glass, pottery, &c., trades.	10	13	Government employees.	..	1
Diamond workers ..	10	1	Total .. ..	370	131

(a) Compiled from *Die Christlichen Gewerkoereine*, by F. Weinhausen, Berlin-Schöneberg, 1900.

(b) Includes Government employees.

(c) Compiled from *Bijdragen tot de Statistiek van Nederland, IV. Onderzoek naar de geschiedenis en werkzaamheid der Vakverenigingen*, published by the Dutch Central Statistical Commission. This Report relates to trade societies, including associations other than trade unions. The table above refers exclusively to such of the societies mentioned in the Report as have, to a greater or less extent, a trade union character, the information necessary to enable this distinction to be drawn having been furnished by Professor M. F. W. Treub, Secretary and Director of the Social Science Information Bureau of Amsterdam.

TRADE UNIONS IN FRANCE.  
NUMBER AND MEMBERSHIP.(a)

TABLE 120.—NUMBER and MEMBERSHIP of TRADE UNIONS and FEDERATIONS of TRADE UNIONS in FRANCE.

Year (July 1st).	Trade Unions.		Federations of Trade Unions.		
	Number of Trade Unions.	Number of Members.	Number of Fed- erations of Trade Unions.	Number of Trade Unions federated.(b)	Number of Mem- bers of federated Trade Unions.(b)
1890	1,006	139,692	24	..	..
1891	1,250	205,152	27	474	..
1892	1,589	288,770	47	668	..
1893	1,926	402,125	61	..	..
1894	2,178	403,440	72	896	132,962
1895	2,163	419,781	79	1,191	334,824
1896	2,243	422,777	86	1,243	336,491
1897.(c)	2,324	437,793	94	1,302	327,638
1898.(c)	2,361	419,761	76	1,132	312,185
1899.(c)	2,685	492,647	73	1,199	432,960

GROUPED BY TRADES.(d)

TABLE 121.—NUMBER and MEMBERSHIP of TRADE UNIONS in FRANCE, at the Beginning of 1898, GROUPED BY TRADES.

Group of Trades.	Number of Trade Unions.	Membership of Trade Unions.
Building trades .. .. .	450	33,795
Mining and quarrying .. .. .	63	41,760
Metal trades .. .. .	286	38,316
Textile trades .. .. .	169	35,432
Clothing trades (excluding boot and shoemaking and glovemaking) ..	129	8,002
Transport and commerce .. .. .	243	160,208
Agriculture, forestry and fishing .. .. .	69	8,002
Printing, paper and allied trades .. .. .	197	13,944
Woodworking and furnishing trades .. .. .	199	13,588
Chemical trades .. .. .	78	27,967
Glass, pottery, &c., trades and stone-cutting and polishing .. .. .	70	9,150
Food preparation trades .. .. .	146	18,553
Skins and leather trades (including boot and shoemaking and glovemaking). .. .. .	167	20,262
Other trades .. .. .	60	8,725
Total .. .. .	2,324	437,793

(a) Compiled from *Annuaire des Syndicats Professionnels*, published by the French Labour Department. Where blanks are shown in the table, the details are not given in the French statistics.  
(b) Some organisations are affiliated to more than one federation.  
(c) Year ended December 31st.  
(d) Compiled from *Les Associations Professionnelles Ouvrières*, published by the French Labour Department.

UNEMPLOYED BENEFIT.(a)

TABLE 122.—NUMBER and MEMBERSHIP of TRADE UNIONS in FRANCE, which in the Year 1894 paid UNEMPLOYED BENEFIT, with the AMOUNT (TOTAL, PER MEMBER, and PER RECIPIENT) of such EXPENDITURE.

Group of Trades.	Number of Trade Unions paying Unemployed Benefit.	Member-ship of Trade Unions referred to in Col. 2.	Amount expended on Unemployed Benefit by the Trade Unions referred to in Col. 2.		
			Total.	Average per Member.	Average per Re-cipient.(b)
(1)	(2)	(3)	(4)	(5)	(6)
			£ s. d.	s. d.	s. d.
Building Trades .. ..	1	60	12 4 10	4 1	20 4½
Metal, engineering, and shipbuilding.	6	1,000	191 17 7	3 6½	18 3
Textile trades .. ..	6	768	11 13 7	0 3½	5 1½
Clothing trades (hat-making and boot and shoe-making only).	8	1,294	2,027 8 10	31 4	86 7½(b)
Printing, paper, and allied trades.	23	2,729	392 3 4	2 10½	15 4(b)
Woodworking and furnishing trades.	8	980	76 3 4	1 6½	14 9½
Glass trades .. ..	2	170	13 14 0	1 7½	17 1½
Food preparation trades	3	791	29 10 5	0 9	4 0(b)
Workers in fibre, cane, &c.	3	114	50 14 0	8 10½	29 10
Leather trades .. ..	3	200	18 11 2	1 10½	21 10
Warehousemen, clerks, &c.	2	6,420	178 4 10	0 6½	27 8½
Other trades .. ..	1(c)	85	15 4 0	3 7	38 0
Totals and General Averages.	66	14,701	3,017 12 11	4 1½	29 9½(b)

(a) Compiled from *Note de l'Office du Travail sur les Caisses de Secours en cas de Chômage Organisées par les Syndicats Ouvriers*, published by the French Labour Department. In addition to the 66 trade unions referred to in the table, there were in 1894 15 others, with a total membership of 750, whose rules provided for the payment of unemployed benefit, but which are stated not to have paid such benefits in 1894 either because none of their members were unemployed, or because the fund allowed to pay these benefits was exhausted. Six other trade unions, with a total membership of 809, are mentioned in this Report as having in force rules providing for the payment of unemployed benefit, such rules, however, not taking effect till 1895. With respect to travelling pay, it is stated that the total number of trade unions in France, whose rules provided for the payment of benefits of this nature in 1895, was 7.

(b) In the case of 5 unions (1 in the clothing trades, 3 in the printing, &c., trades, and 1 in the food preparation trades) the number of recipients is not stated; the averages for those groups are therefore based on more or less incomplete data. The total amount expended by the 5 unions referred to was £1,147 8s. 1d.

(c) A trade union of button makers.

## TRADE UNIONS IN SWITZERLAND.

GENERAL FEDERATION—NUMBER, MEMBERSHIP AND EXPENDITURE.<sup>(a)</sup>

TABLE 123.—PART I., NUMBER and MEMBERSHIP; and PART II., EXPENDITURE on certain BENEFITS of the TRADE UNIONS affiliated to the GENERAL FEDERATION of SWISS TRADE UNIONS.

## PART I.—NUMBER AND MEMBERSHIP IN 1896.

Trade Unions.	Number of Local Unions Affiliated to the Trade Unions referred to in Col. 1.	Membership of Unions referred to in Col. 2.
(1)	(2)	(3)
Glaziers ... ..	3	150
Metal workers ... ..	53	2,615
Watchmakers ... ..	not stated	3,000
Shoemakers ... ..	11	424
Tailors ... ..	25	746
Lithographers ... ..	9	292
Bookbinders ... ..	7	236
Wood workers ... ..	26	1,930
Corn millers ... ..	6	145
Tobacco workers ... ..	4	400
Basket makers ... ..	not stated	80
Local unions (trades not specified).	32	1,948
<b>Total ... ..</b>	<b>...</b>	<b>11,966</b>

## PART II.—EXPENDITURE IN 1889-95 INCLUSIVE.

Nature of Expenditure.	Number of Trade Unions, by which the Expenditure referred to in Col. 1 was incurred.	Period, in which the Expenditure referred to in Col. 1 was incurred.	Amount of Expenditure.
(1)	(2)	(3)	(4)
		Years.	£ s. d.
Unemployed pay ... ..	20	4½	143 16 10
Travelling pay ... ..	123	5½	635 14 5
In connection with wages dis- putes.	124	7	6,377 18 5
Relief of 454 discharged work- people.	65	7	240 13 7
Relief of sick and indigent members.	68	5½	859 9 7
Assistance to persons in need of legal protection.	24	7	111 7 2
<b>Total ... ..</b>	<b>...</b>	<b>...</b>	<b>8,369 0 0</b>

(a) Compiled from information supplied by the Swiss Workmen's Secretary and transmitted by Mr. Angst, H.M. Consul at Zürich. According to the same authority, the amount expended by the General Federation of Swiss Trade Unions (such expenditure being separate from that of the unions affiliated to this organisation) in connection with wages disputes, deputations, relief of discharged workpeople and expenses of administration was:—in 1887, £1,127 4s. 10d.; in 1888, £572 2s. 5d.; in 1889, £734 6s. 5d.; in 1890, £586 6s. 5d.; in 1891, £235 11s. 2d.; in 1892, £342 13s. 7d.; in 1893, £412 2s. 7d.; in 1894, £2,604 16s. 6d. and in 1895, £1,515 13s. 1d.

## NUMBER AND MEMBERSHIP.(a)

TABLE 124.—NUMBER and MEMBERSHIP of TRADE UNIONS in SWITZERLAND, in 1899.

Federations and Trade Unions.	Number of		Member-ship of Trade Unions referred to in Col. 3.	Federations and Trade Unions.	Number of		Member-ship of Trade Unions referred to in Col. 7.
	Trade Unions making Returns.	Local Unions affiliated to Trade Unions referred to in Col. 2.			Trade Unions making Returns.	Local Unions affiliated to Trade Unions referred to in Col. 6.	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<b>I.—Trade Unions affiliated to the General Federation of Swiss Trade Unions:—</b>				<b>II.—Trade Unions not affiliated to the General Federation:—</b>			
Masons and bricklayers, and masons' and bricklayers' labourers.	1	25	1,230	Joiners .. .. .	1	9	630
Glaziers .. .. .	1	6	198	Stone workers .. ..	1	11	885
Granite cutters .. ..	1	5	600	Watch and clock-makers.	2	22	1,646
Metal workers .. ..	1	82	5,373	Shoemakers .. .. .	1	15	617
Watch and clockmakers	3	25	1,576	Printers .. .. .	2	30	2,313
Textile workers .. ..	1	8	519	Bookbinders .. ..	1	10	457
Sailors .. .. .	1	26	1,110	Enginemen and stokers	1	23	1,313
Lithographers .. ..	1	12	296	Hairdressers' assistants	1	18	415
Woodworkers .. .. .	1	29	2,546	Local Unions (trades not specified).	..	30(c)	1,608
Potters .. .. .	1	6	89				
Corn millers .. .. .	1	14	310	<b>III.—Railway Servants:—</b>			
Tobacco workers .. ..	1	5	239	a. Affiliated to the Federation of Swiss Transport Unions.	6	171	13,542
Basket makers .. ..	1	18	131	b. Not affiliated to the Federation.	1	14	2,524
Local Unions (trades not specified).	..	66(b)	3,294	<b>IV.—Government Employees:—</b>			
				Postal, telegraph, telephone, customs and other employees:—			
				a. Affiliated to the General Federation of Swiss (Federal) Government Employees.	6	59	4,301
				b. Not affiliated (Postal Service).	1	19	1,354
				<b>Total .. .. .</b>	<b>39</b>	<b>758</b>	<b>49,824(d)</b>

(a) Compiled from *Monatsblätter des Schweizerischen Arbeitersekretariats*. The information there tabulated by the Swiss Workmen's Secretary is stated by him to be imperfect, the returns having been incomplete.

(b) Not affiliated to any of the Trade Unions referred to in column 2.

(c) Not affiliated to any of the Trade Unions referred to in column 6.

(d) Includes 632 females, of whom 441 belonged to Local Unions (trades not specified), 22 to watch and clockmakers', 65 to textile workers', 12 to tailors', and 45 to shoemakers' unions, while 47 belonged to unions of Government employees.

# TRADE UNIONS IN TRADE GUILDS IN AUSTRIA—

TABLE 125.—NUMBER (at the End of 1894) and MEMBERSHIP

Class of Association.	Number of Guilds known to exist.	Number of Guilds making Returns as to Membership.	Membership of	
			Full Members (Employers and independent Craftsmen, &c.).	Associates (Employees).
Guilds for single trades .. .. .	562	5,273	53,959	94,460
Guilds for several kindred trades ..	440		61,784	109,803
Guilds for several distinct (not kindred) trades.	2,468		196,319	264,150
Local guilds (embracing different trades in one district).	1,832		242,373	164,340
Total .. .. .	5,317	5,273	554,335	692,753

## TRADE UNIONS AND TRADE CLUBS IN AUSTRIA—

TABLE 126.—NUMBER and MEMBERSHIP of TRADE UNIONS

Group of Trades.	1892.					Number of Unions or Clubs making Returns.	Number of Branches of Unions or Clubs referred to in Col. 7.
	Number of Unions or Clubs making Returns.	Number of Branches of Unions or Clubs referred to in Col. 1.	Membership of Organisations referred to in Cols. 2 and 3.				
			Male.	Female.	Total.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
I.-TRADE UNIONS.							
Building trades .. ..	22	30	2,648	5	2,653	28	55
Mining .. ..	24	17	3,340	60	3,400	39	66
Metal trades .. ..	24	51	8,049	87	8,136	28	74
Textile trades .. ..	26	31	4,537	1,040	5,577	28	82
Clothing trades .. ..	41	15	2,972	110	3,082	56	41
Transport and communication (including railway service).	7	91	540	..	540	8	118
Printing and allied trades ..	23	41	7,746	320	8,066	26	44
Woodworking trades .. ..	28	34	3,892	23	3,915	31	63
Chemical trades .. ..	2	2	714	9	723	3	3
Glass, pottery, &c., trades ..	10	102	4,221	313	4,534	10	158
Food and tobacco trades ..	16	14	1,144	11	1,155	18	16
Leather trades .. ..	6	5	670	4	674	6	7
Fancy goods manufacture ..	11	28	2,900	220	3,120	11	31
Clerks, &c. .. ..	4	1	567	7	574	4	1
Other trades .. ..	6	12	450	7	457	6	14
General Unions .. ..	..	..	..	..	..	12	7
(not confined to one trade).							
II.—TRADE CLUBS(d) ..	580	4	21,690	2,047	23,737	527	12
Total .. ..	830	478	66,080	4,263	70,343	840	794

(a) Compiled from *Die Gewerblichen Genossenschaften in Oesterreich*, published in 1895 by the Statistical and their employees engaged in workplaces other than factories, and include independent craftsmen, &c., of which this Report mentions 23 as in existence. Of these 23 federations 18, which made returns on 1893, membership of a guild is compulsory for all persons carrying on a trade or handicraft under August 14th, 1890, the establishment of trade guilds resembling those referred to in the table was made *Rundschau* (the journal of the Austrian Labour Department) for March, 1900, 20 guilds for the mining

(b) The workmen belonging to a guild are permitted to form a special assembly for the protection (c) Compiled from *Rechenschaftsbericht der Gewerkschafts-Commission Oesterreichs über ihre Thätigkeit Unterstützungsvereine Oesterreichs*. The total number of organisations, to which inquiries were addressed, organisations.

(d) "Educational Associations" possessing to a



**AUSTRIA-HUNGARY.****NUMBER AND MEMBERSHIP.(a)**

(in the Middle of 1894) of GUILDS in AUSTRIA.

Guilds.	Number of Guilds with		Class of Association.
	Total.	Workmen's Assemblies.(b)	Arbitration Committees.
148,419 231,587 469,369 466,713	3,196	3,049	Guilds for single trades. Guilds for several kindred trades. Guilds for several distinct (not kindred) trades. Local Guilds (embracing different trades in one district).
1,247,688			Total.

**NUMBER AND MEMBERSHIP.(c)**

and TRADE CLUBS (d) in AUSTRIA, GROUPED by TRADES.

1896.			1899.					Group of Trades.  (17)
Membership of Organisations referred to in Cols. 7 and 8			Number of Unions or Clubs making Returns.	Number of Branches of Unions or Clubs referred to in Col. 12.	Membership of Organisations referred to in Cols. 12 and 13.			
Male. (9)	Female. (10)	Total. (11)			Male (14)	Female. (15)	Total. (16)	
4,711	9	4,720	16	118	7,686	104	7,790	I.—TRADE UNIONS.
8,441	116	8,557	19	156	13,306	187	13,583	Building trades.
15,671	104	15,775	18	206	18,269	105	18,374	Mining.
6,045	1,502	7,547	26	120	7,520	1,950	9,470	Metal trades.
5,938	220	6,158	54	104	8,650	433	9,083	Textile trades.
19,267	2	19,269	4	163	16,665	..	16,665	Clothing trades.
								Transport and commun- ication (including railway service).
9,979	516	10,497	17	65	11,603	1,147	12,750	Printing and allied trades.
6,816	33	6,849	39	97	7,102	36	7,138	Woodworking trades.
120	10	130	5	12	1,361	94	1,455	Chemical trades.
7,400	770	8,170	7	146	8,739	949	9,688	Glass, pottery, &c. trades.
2,190	16	2,206	19	36	2,973	310	3,283	Food and tobacco trades.
2,346	7	2,353	4	44	3,596	76	3,672	Leather trades
3,080	113	3,193	12	8	3,117	52	3,169	Fancy goods manufac- ture.
776	15	790	10	5	1,383	58	1,443	Clerks, &c.
2,442	13	2,455	21	5	1,716	55	1,771	Other trades.
712	57	769	120	78	8,332	838	9,170	General Unions. (not confined to one trade).
16,252	2,256	18,508	492	17	26,457	2,812	29,269	II.—TRADE CLUBS.(d)
112,185	5,761	117,946	883	1,379	148,567	9,206	157,773	Total.

Department of the Austrian Ministry of Commerce. These guilds are composed of industrial employers (not employing workpeople). In addition to the guilds there are also federations of these organisations, this point, had affiliated to them 569 guilds. Under the Industrial Code Amendment Law of March 15th conditions excluding their establishments from the technical definition of "factories." By a law dated obligatory for the mining industry (see LABOUR GAZETTE, April, 1897, p. 104). According to *Socials* industry had been established up to that date.

of their interests, so far as these are not opposed to the common interests of the guild.  
 rom 1. Jänner 1897 bis zum 31. December 1899 an den III. Congress der Gewerkschafts-, Arbeiterbildungs- und was, trade unions of particular trades, 278; general unions, 131; trade clubs, 604: making a total of 1,013

greater or less extent trade union functions.

## TRADE UNIONS AND TRADE CLUBS IN AUSTRIA—

TABLE 127.—RECEIPTS AND EXPENDITURE [in respect of Benefits other than Dispute Pay(b)] CLUBS(c) in

(Group of Trades.)	Organisations affiliated to the Trade Union Federation at Vienna.(d)			Organisations Union
	Receipts in 1899.	Expenditure in 1899.	Funds in Hand on Dec. 31st, 1899.	Receipts in 1899.
I.—TRADE UNIONS.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
Building trades .. .. .	681 5 4	662 12 2	151 1 5	334 19 1
Mining .. .. .	3,360 14 6	3,371 14 3	1,104 8 6	169 15 0
Metal trades .. .. .	8,875 5 0	8,187 4 3	4,459 8 1	970 8 6
Textile trades .. .. .	2,137 18 10	1,879 2 10	1,090 18 5	113 4 3
Clothing trades .. .. .	8,520 8 3	8,072 5 1	2,046 18 7	620 15 4
Transport and communication (including railway service).	3,639 10 5	3,610 4 8	80 7 7	..
Printing and allied trades .. ..	33,625 19 11	31,443 14 6	56,752 6 8	209 11 3
Woodworking trades .. .. .	1,677 4 9	1,581 12 11	499 1 5	655 5 5
Chemical trades .. .. .	119 10 10	100 12 8	112 19 9	75 1 7
Glass, pottery, &c., trades .. ..	4,434 17 7	4,128 18 2	1,295 19 0	7 3 3
Food and tobacco trades .. .. .	1,523 5 8	1,263 1 5	966 0 10	178 1 2
Leather trades .. .. .	1,416 1 3	1,064 0 10	855 15 7	..
Fancy goods manufacture .. ..	1,921 0 3	1,683 8 3	941 2 10	..
Clerks, &c. .. .. .	495 15 6	488 15 5	184 2 9	50 17 7
Other trades .. .. .	263 8 6	178 7 5	169 5 11	46 16 8
General Unions (not confined to one trade).	2,104 2 10	2,078 0 7	746 11 1	..
II.—TRADE CLUBS(c) .. ..	2,588 11 1	2,227 0 11	969 11 6	4,769 3 5
Total .. .. .	77,185 0 6	72,439 16 4	72,395 17 11(c)	8,199 2 6

(a) Compiled from the source  
 (b) The Receipts and Expenditure for Dispute Pay of the organisations referred to in the table are in 1899, on disputes, a total sum of £14,977, of which £7,608 was spent by them out of their own Federation at Prague.

(d) The receipts of this Federation in 1899 were £2,893, while its expenditure

(e) Exclusive of the value of office

## RECEIPTS, EXPENDITURE AND FUNDS.(a)

in 1899, and FUNDS in HAND at the END of that YEAR, of TRADE UNIONS and TRADE AUSTRIA.

affiliated to the Trade Federation at Prague.		Total (all organisations together).			Group of Trades.
Expenditure in 1899.	Funds in Hand on Dec. 31st, 1899.	Receipts in 1899.	Expenditure in 1899.	Funds in Hand on Dec. 31st, 1899.	
£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.	I.—TRADE UNIONS.
283 12 7	149 13 9	1,016 4 5	946 4 9	800 15 2	Building trades.
169 8 1	152 2 2	3,530 9 6	3,541 2 4	1,266 10 8	Mining.
958 17 11	534 4 8	9,845 13 6	9,146 2 2	4,993 12 9	Metal trades.
85 10 8	63 6 1	2,251 3 1	1,964 13 6	1,154 4 6	Textile trades.
496 4 10	1,759 10 3	9,141 3 7	8,568 9 11	3,806 6 10	Clothing trades.
..	..	3,639 10 5	3,610 4 8	80 7 7	Transport and communication (including railway service).
172 1 5	163 11 2	33,835 11 2	31,615 15 11	56,915 17 10	Printing and allied trades.
592 11 0	331 0 4	2,332 10 2	2,174 3 11	830 1 9	Woodworking trades.
62 5 2	36 14 1	194 12 5	162 17 10	149 13 10	Chemical trades.
6 3 10	7 3 6	4,442 0 10	4,135 2 0	1,303 2 6	Glass, pottery, &c. trades.
142 14 5	132 12 11	1,699 6 10	1,795 15 10	1,098 13 9	Food and tobacco trades.
..	..	1,416 1 3	1,084 0 10	855 15 7	Leather trades.
..	..	1,921 0 3	1,683 8 3	941 2 10	Fancy goods manufacture.
49 16 1	2 0 9	546 13 1	538 11 6	186 3 6	Clerks, &c.
35 7 3	34 2 9	310 5 2	213 14 8	203 8 8	Other trades.
..	..	2,104 2 10	2,078 0 7	746 11 1	General Unions (not confined to one trade).
4,099 3 6	3,696 19 1	7,157 14 6	6,326 4 5	4,636 10 7	II.—TRADE CLUBS.(c)
7,153 16 9	7,063 1 6	85,334 3 6	79,534 13 1	79,453 19 5(c)	Total.

stated in footnote (c) on pp. 203-204, *ante*, quite distinct from their Receipts and Expenditure for other purposes. These organisations expended, funds, £3,408 was contributed by the Trade Union Federation at Vienna, and £961 by the similar (c) See footnote (d) on pp. 203-204, *ante*. in 1899 amounted to £7,868, exclusive of £238 credited to Reserve Fund. furniture, libraries, &c., estimated at £22,450.

# TRADE UNIONS :

## TRADE UNIONS AND TRADE CLUBS IN AUSTRIA—

TABLE 128.—EXPENDITURE per MEMBER (b) on VARIOUS BENEFITS and WORK-  
UNION FEDERATION

Group of Trades.	Expenditure per						
	Unem- ployed and Travel- ing.	Sickness.	Superan- uation.	Funerals.	Grants in Special Distress.	Defence of Rights.	
I.—TRADE UNIONS.	s. d.	s. d.	s. d.	s. d.	d.	d.	
Building Trades ...	0 0½	0 0½	(d)	(d)	0½	0½	
Mining ...	0 6½	0 6½	(d)	0 0½	3½	2½	
Metal trades ...	2 2½	0 0½	(d)	(d)	2½	2½	
Textile trades ...	0 7½	(d)	(d)	(d)	1	1	
Clothing trades ...	8 9½	2 3½	1 4½	0 2	2	1½	
Transport and commu- nication (including railway service).	0 0½	(d)	(d)	(d)	1½	5	
Printing and allied trades.	10 5	15 3	4 11½	3 5½	4½	0½	
Woodworking trades ...	0 11	0 1	...	(d)	2	3½	
Chemical trades ...	0 2	...	...	...	1½	0½	
Glass, pottery, &c., trades	1 3½	...	(d)	...	1	2½	
Food and tobacco trades	1 9½	0 11½	0 5½	0 1½	6	2½	
Leather trades ...	2 8½	...	...	...	1½	1½	
Fancy goods manufac- ture.	2 1½	1 7	...	0 1	5	0½	
Clerks, &c. ...	0 10	...	...	0 0½	2½	8½	
Other trades ...	0 ½	0 1½	(d)	0 0½	0½	1½	
General unions (not con- fined to one trade).	0 5	0 0½	...	...	...	1½	
II.—TRADE CLUBS.(c)	0 3½	0 0½	...	...	...	0½	
Averages for all Unions making re- turns ...	2 3	1 8½	0 6½	0 4	2	2	

## TRADE UNIONS IN HUNGARY—

TABLE 129.—NUMBER and MEMBERSHIP of TRADE

Group of Trades.	Number of Trade Unions making Returns.	Membership of Trade Unions making Returns.
Building trades .. .. .	21	4,951
Mining and smelting .. .. .	1	690
Iron manufacture and metal trades ..	22	3,836
Textile trades .. .. .	4	428
Clothing trades .. .. .	33	5,174
Printing and allied trades .. .. .	4	2,607

(a) Compiled from the source stated in footnote (c) on pp. 203-204, ante.  
(b) Calculated throughout on the basis of the total membership of the organisations particular classes of benefits.  
(c) See footnote (d) on pp. 203-204, ante.  
(d) Compiled from figures given on the authority of the Executive Committee of the *Deutschlands* (see footnote (a) on p. 197, ante), of October 16th, 1899. The same authority agricultural labourers exist, whose membership would bring the total for all Hungarian would appear to be the end of 1898 or beginning of 1899.

EXPENDITURE PER MEMBER.(a)

ING EXPENSES of TRADE UNIONS and TRADE CLUBS(c) affiliated to the TRADE at VIENNA, in 1899.

Member on					Total Expen- diture per Member in 1899.	Group of Trades.
Trade Journals.	Educa- tion.	Office and other Working Ex- penses.	Sundries.	Subscrip- tions to Central Organi- sations.		
<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>s. d.</i>	<i>d.</i>	<i>s. d.</i>	I.—TRADE UNIONS.
0 5½	0 0½	0 6½	0 10½	6½	11 4	Building trades.
1 8½	0 1½	1 8½	0 10			Mining.
2 2½	0 3½	3 0½	1 5			Metal trades.
1 2½	0 1½	1 1	0 9½			Textile trades.
1 5	0 3½	2 1½	4 1			Clothing trades.
2 8½	...	0 9½	0 3			Transport and commu- nication (including railway service).
2 9½	0 7½	4 11½	6 5			Printing and allied trades.
1 6½	0 2	1 4	0 9½			Woodworking trades.
0 2½	0 1½	0 4	0 7½			Chemical trades.
2 1½	1 6	2 3½	1 0½			Glass, pottery, &c., trades.
1 6	0 4	2 11½	2 8½	6½	11 4	Food and tobacco trades.
0 11½	0 0½	1 2	0 8			Leather trades.
1 6½	0 1½	2 3	0 11½			Fancy goods manufac- ture.
1 1½	0 3½	2 10½	1 4½			Clerks, &c.
0 1½	0 3	0 9½	0 8½			Other trades.
0 8½	0 0½	...	2 9			General unions (not con- fined to one trade).
0 1½	0 1	...	2 9½			II.—TRADE CLUBS.(c)
1 7	0 3½	1 9	1 11½	6½	11 4	Averages for all Unions making re- turns.

NUMBER AND MEMBERSHIP.(c)

UNIONS in HUNGARY in 1899, GROUPED by TRADES.

Group of Trades.	Number of Trade Unions making Returns.	Membership of Trade Unions making Returns.
Woodworking trades .. .. .	23	3,923
Pottery trades .. .. .	4	638
Food preparation trades .. .. .	9	853
Leather trades .. .. .	2	342
General Unions (not confined to one trade).	4	264
Total .. .. .	126	23,663

referred to at the end of 1899, and not on the membership of the organisations paying the

(d) Less than 1d. per member.  
Buda-Pesth Trade Council, in *Correspondenzblatt der Generalkommission der Gewerkschaften* states that, in addition to the trade unions referred to in the table, numerous trade unions of trade unions up to 64,000. The date, to which the figures refer, is not expressly stated, but



THE UNITED STATES.

STATE OF NEW YORK.(a)

the STATE of NEW YORK, classified according to GROUPS of TRADES.

Group of Trades.	Membership of Trade Unions making Returns in						
	1894.			1895.			1896.(c)
	Male.	Female.	Total.	Male.	Female.	Total.	
Building trades .. .. .	44,151	..	44,151	48,638	..	48,638	51,079
Stone workers .. .. .	5,153	..	5,153	4,993	..	4,993	5,322
Street paving, &c... .. .	797	..	797	812	..	812	753
Iron and steel .. .. .	7,464	..	7,464	8,522	..	8,522	9,363
Metal workers .. .. .	548	50	598	846	..	846	1,322
Textile trades .. .. .	1,638	40	1,678	1,834	149	1,983	1,746
Clothing (excluding boot and shoe-making and glove-making).	27,862	4,796	32,658	37,351	6,650	44,001	24,031
Hats, caps and furs .. .. .	2,701	263	2,964	3,330	352	3,682	2,287
Railroad employees (steam) .. ..	8,508	..	8,508	8,958	..	8,958	9,365
" " (street surface)	2,500	..	2,500	1,000	..	1,000	1,000
Coach drivers and livery stable employees.	779	..	779	1,020	..	1,020	3,973
Marine trades .. .. .	7,115	..	7,115	8,064	..	8,064	7,974
Printing, binding, &c. .. .. .	10,912	147	11,059	11,744	254	11,998	13,659
Wood workers .. .. .	1,736	..	1,736	1,709	..	1,709	2,033
Furniture .. .. .	1,163	13	1,176	1,239	20	1,259	917
Glass workers .. .. .	881	1	882	1,300	1	1,301	1,042
Food products .. .. .	2,187	..	2,187	2,799	..	2,799	2,842
Malt Liquors and mineral waters ..	3,153	..	3,153	3,411	..	3,411	4,311
Cigars, cigarettes and tobacco ..	6,789	1,933	8,722	7,011	2,078	9,089	9,790
Leather workers (including boot and shoe-making and glove-making).	1,802	118	1,920	2,188	117	2,305	2,119
Hotel, restaurant and park employees.	1,377	..	1,377	1,351	..	1,351	1,412
Musicians and musical instrument makers	5,642	2	5,644	5,954	2	5,956	5,253
Theatrical employees and actors ..	969	123	1,092	1,532	479	2,011	2,168
Miscellaneous trades .. .. .	3,887	..	3,887	4,523	..	4,523	5,965
Total .. .. .	149,799	7,488	157,197	170,129	10,102	180,231	170,296

Labour Statistics (formerly Bureau of Statistics of Labour).  
Union, Local Union, or Branch is counted as one.  
distinguished for the year 1896.

NUMBER AND MEMBERSHIP: STATE OF NEW YORK—*continued*TABLE 130.—NUMBER and MEMBERSHIP of TRADE UNIONS in the STATE of NEW YORK, classified according to GROUPS of TRADES—*continued*.

Group of Trades.	Membership of Trade Unions making Returns in					
	1897.			1898.		
	Male.	Female.	Total.	Male.	Female.	Total.
Building trades .. .. .	48,398	..	48,398	55,063	..	55,063
Stoneworkers .. .. .	5,299	..	5,299	4,865	..	4,865
Street paving, &c. .. .. .	636	..	636	596	..	596
Iron and steel .. .. .	10,653	..	10,653	12,561	..	12,561
Metal workers .. .. .	963	..	963	1,511	..	1,511
Textile trades .. .. .	680	..	680	767	698	1,465
Clothing (excluding boot and shoe-making and glove-making).	24,252	2,690	26,942	17,167	3,414	20,571
Hats, caps and furs .. .. .	2,224	112	2,336	1,605	92	1,697
Railroad employees (steam) .. ..	9,398	..	9,398	10,457	..	10,457
" " (street surface) .. .. .	3,247	..	3,247	3,660	..	3,660
Coach drivers and livery stable employees.	1,872	..	1,872	1,780	..	1,780
Marine trades .. .. .	3,113	..	3,113	2,262	..	2,262
Printing, binding, &c. .. .. .	12,780	480	13,260	14,463	494	14,957
Wood workers .. .. .	1,769	..	1,769	1,741	..	1,741
Furniture .. .. .	798	3	801	890	..	890
Glass workers .. .. .	818	..	818	758	..	758
Food products .. .. .	2,508	40	2,548	2,586	..	2,586
Malt liquors and mineral waters ..	4,073	..	4,073	3,883	..	3,883
Cigars, cigarettes and tobacco ..	6,907	2,190	9,097	6,445	2,444	8,889
Leather workers (including boot and shoe-making and glove-making).	2,177	12	2,189	2,652	48	2,700
Hotel, restaurant and park employees.	1,453	..	1,453	1,404	..	1,404
Musicians and musical instrument makers.	5,379	..	5,379	5,596	1	5,597
Theatrical employees and actors ..	1,679	237	1,916	3,893	312	4,115
Miscellaneous trades .. .. .	11,114	..	11,114	7,017	2	7,019
<b>Total .. .. .</b>	<b>162,699</b>	<b>5,764</b>	<b>168,464</b>	<b>163,562</b>	<b>7,565</b>	<b>171,097</b>



EXPENDITURE: STATE OF NEW YORK.(a)

TABLE 131.—EXPENDITURE per MEMBER(b) on VARIOUS BENEFITS by TRADE UNIONS in the STATE OF NEW YORK, in 1893.

Group of Trades.	Expenditure per Member on the Benefits mentioned below.						Total Expenditure per Member on all Benefits together.
	Out of Work.	Disputa.	Sick.	Funeral.	Not classified.	Grants to other Unions.	
Building trades .. .. .	s. d. 1 6	s. d. 1 4	s. d. 1 7	s. d. 2 10½	s. d. 3 1½	s. d. 0 4	£ s. d. 0 10 0
Stoneworkers .. .. .	3 3	0 9	..	8 10	3 0	0 5	0 16 3
Street paving, &c .. .. .	1 5½	..	1 11½	3 8½	1 0	2 0	0 10 1½
Iron and steel .. .. .	4 7	4 4	0 10½	1 7	3 9½	0 5	0 15 7
Metal workers .. .. .	6 4½	..	..	..	0 4½	..	0 6 9
Textile trades .. .. .	0 5½	..	0 2	..	12 11	0 3	0 13 9½
Clothing, &c. (excluding boot and shoe making and glove-making).	(c)	7 1½	0 1	(c)	2 9	0 2	0 10 2
Hats, caps and furs .. .. .	..	..	5 4½	..	6 11½	..	0 12 4
Railroad employees (steam) .. .. .	1 3	(c)	4 5	14 1	35 11½	..	2 15 9
" " (street surface)	..	..	6 5½	..	..	..	0 6 5½
Coachmen and livery stable employees.	..	1 7	0 4½	1 5	9 10	0 6	0 13 8½
Marine trades .. .. .	1 6	..	..	1 6½	0 10½	..	0 3 11
Printing, binding, &c. .. .. .	15 11½	5 4½	2 1½	5 9	0 11	1 0½	1 11 2
Wood workers .. .. .	0 1	1 0	1 5	14 8	3 9	..	1 0 11
Furniture .. .. .	5 1½	0 4½	..	..	..	0 5½	0 5 11½
Glass and terra-cotta .. .. .	..	10 2	..	9 5	35 3½	3 6½	2 18 5
Food products .. .. .	2 3	1 7	0 3½	0 6	0 9½	0 6	0 5 11
Malt and spirituous liquors and mineral waters.	2 10½	2 6½	1 11½	0 7	27 2½	1 0	1 16 2
Cigars, cigarettes and tobacco .. .. .	17 1½	4 3	13 10	5 10½	7 9	0 2	2 9 0
Leather workers (including boot and shoe-making and glove-making).	0 8	13 4	(c)	0 4½	2 8	0 3	0 17 4
Hotel and restaurant employees .. .. .	0 8½	..	1 4	..	0 10	2 1	0 4 11½
Musicians and musical instruments .. .. .	1 4	..	0 5	6 8	0 4½	..	0 3 9½
Theatrical employees .. .. .	0 3	1 3	0 4	1 1	..	2 3	0 5 2
Miscellaneous trades .. .. .	0 1	0 2	0 1½	0 2½	5 2	0 1	0 5 10
Averages for all Unions making returns as to benefits.	3 8	3 0½	2 0½	3 2½	5 2	0 4½	0 17 0

(a) Compiled from the Report for 1894 of the New York Bureau of Labour Statistics. In addition to the trade unions (474, with a membership of 121,957) referred to in the table, 67 trade unions, with a membership of 11,780, replied that they had given benefits, but did not state the amount of such benefits; 138, with a membership of 20,971, replied that they had given no benefits; and 16, with a membership of 1,135, did not reply.

(b) Calculated throughout on the total membership of the trade unions referred to (in each group of trades), and not on the membership of the unions paying the particular classes of benefits.

(c) Less than ½d. per member.

## NUMBER AND MEMBERSHIP: CONNECTICUT.(a)

TABLE 132.—NUMBER(b) and MEMBERSHIP of TRADE UNIONS in the STATE of CONNECTICUT in 1898, classified according to TRADES.

Trade.	Number(b) of Trade Unions, &c.		Membership of Trade Unions, &c., making Returns.		
	Total Number.	Number making Returns.	Male.	Female.	Total.
Carpenters ... ..	10	9	1,224	...	1,224
Plumbers ... ..	6	5	163	...	163
Iron moulders... ..	13	10	552	...	552
Machinists ... ..	4	4	237	...	237
Butchers ... ..	8	4	795	...	795
Textile trades ... ..	8	6	336	187	523
Hatters... ..	9	9	2,627	1,123	3,750
Locomotive engineers ...	3	3	378	...	378
Railway trainmen ... ..	4	4	276	...	276
Printers ... ..	6	6	305	18	318
Printing pressmen ... ..	2	2	45	...	45
Bakers ... ..	6	6	163	...	163
Brewers ... ..	5	3	79	...	79
Cigar makers ... ..	11	11	754	3	757
Horseshoers ... ..	3	2	30	...	30
Barbers ... ..	4	4	87	...	87
Musicians ... ..	5	5	345	4	349
Miscellaneous ... ..	31	12	902	109	1,011
<b>Total ... ..</b>	<b>138</b>	<b>105</b>	<b>9,298</b>	<b>1,439</b>	<b>10,737</b>

(a) Compiled from the Report of the Connecticut Bureau of Labour Statistics for 1898.

(b) In the figures of the Connecticut Bureau each Union, Local Union, or Branch counts as one.

## RECEIPTS AND EXPENDITURE: CONNECTICUT.(a)

TABLE 133.—NUMBER(b) and MEMBERSHIP, and RECEIPTS and EXPENDITURE of TRADE UNIONS paying SICK and FUNERAL BENEFITS in the STATE of CONNECTICUT.

	1887.	1888.	1889.	1890.	1891.
<b>NUMBER (b) OF TRADE UNIONS, &amp;c., PAYING SICK AND FUNERAL BENEFITS:—</b>					
Societies .. ..	15	16	18	18	21
Branches .. ..	36	41	47	53	67
<b>MEMBERSHIP:—</b>					
Male .. ..	5,494	6,024	6,292	6,954	7,742
Female .. ..	2,120	2,100	2,200	2,225	2,300
Total.. ..	7,614	8,124	8,492	9,239	10,042
	£ s. d.	£ s. d.	£ s. d.	£ s. d.	£ s. d.
<b>RECEIPTS, Fees, Dues, and all other sources.</b>	7,600 10 0	7,624 1 8	8,806 18 5	12,637 11 2	11,894 19 5
<b>EXPENDITURE:—</b>					
Out of Work. ..	..	..	..	130 13 11	44 9 7
Benefits { Loans (c) ..	318 15 7½	357 13 6½	262 17 8½	223 8 6½	297 18 6½
Dispute ..	106 8 4	80 0 0	48 3 2	2,867 17 4	38 5 0
Sick and Funeral. ..	2,311 0 8½	2,435 11 9½	2,854 11 11½	3,104 14 0	3,770 18 9½
Management .. ..	2,105 17 3	2,208 19 2½	2,328 2 8½	2,640 8 7	3,236 8 11
All Expenses together	4,842 1 11	5,082 5 1½	5,493 15 6½	8,967 2 4½	7,386 0 16
<b>ACCUMULATED FUNDS..</b>	not stated	not stated	not stated	not stated	6,049 1 7

(a) Compiled from the Report for 1891 of the Connecticut Bureau of Labour Statistics.

(b) See footnote (b) on p. 213, ante.

(c) These benefits were paid, almost exclusively, by the cigar-makers' Unions; the loans appear to have been advanced for travelling and emigration purposes.

## INDIANA.(a)

TABLE 134.—NUMBER,(b) MEMBERSHIP and EXPENDITURE on SICK and FUNERAL BENEFITS of TRADE UNIONS in the STATE of INDIANA, in 1893-4.

---

Number (b) of unions, &c. making returns	...	...	...	217
Membership „ „ „ „ „	...	...	...	19,081
Number „ „ „ „ paying sick benefits	...	...	...	96
Amount expended in year on sick benefits	...	...	...	£1,720
Number (b) of unions, &c. paying funeral benefits	...	...	...	125
Amount (c) expended in year on „ „	...	...	...	£3,419

---

(a) Compiled from the Report for 1893-4 of the Department of Statistics of Indiana. It is stated that "it is assumed that the Bureau has succeeded in obtaining fully 80 per cent. of all the labour organisations of the State."

(b) In the figures of the Indiana Department each Union, Local Union, or Branch is counted as one.

(c) The Report states that the figures given as to the amount expended on funeral benefits do not accurately represent the sums paid on account of such benefits, "because in numerous instances only the national organisations pay death benefits, the members of subordinate organisations paying assessments into a general fund which is disbursed by the national organisation, in which case subordinate organisations are not advised of sum totals disbursed for death benefits."

---

**CO-OPERATION.**

---

## CO-OPERATION IN ASSOCIATIONS

TABLE 135.—CAPITAL, SALES, PROFIT and other particulars relating to Co-

Year.	Capital and Debts.					
	Number of Societies making Returns as to particulars referred to in Cols. 3-7.	Share Capital.	Reserve.	Special Funds.	Loan Capital (Deposits, &c.).	Debts due by Societies at end of Year.
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1890	48	£ 68,555	£ 14,341	£ 2,189	£ 5,833	£ 48,795
1892	63	96,868	23,783	5,934	7,908	67,830
1893	85	135,894	27,834	5,081	9,751	104,833
1894	112	197,403	32,041	5,750	21,823	117,689
1895	112	222,854 <sup>(b)</sup>	37,299 <sup>(b)</sup>	8,701 <sup>(b)</sup>	23,274 <sup>(b)</sup>	207,403 <sup>(b)</sup>
1896	118 <sup>(c)</sup>	239,475	42,215	13,449	1,329	292,011
1897	162 <sup>(d)</sup>	323,108	70,111	41,328	763	445,651

## CREDIT

TABLE 136.—NUMBER, MEMBERSHIP, CAPITAL, ADVANCES ASSOCIATIONS in the

Year.	Total Number of Societies.	Number of Societies making Returns.	Number of Members of Societies making Returns.	Capital.	
				Share.	Reserve.
				£	£
1883	1,006	765	207,559	596,978	66,684
1884	997	752	205,356	600,009	76,719
1885	988	725	195,002	595,107	84,486
1886	964	715	196,694	593,988	96,624
1887	904	719	195,548	596,250	106,933
1888	856	720	197,447	606,249	118,168
1889	828	730	202,749	623,247	127,945
1890	812	720	213,166	649,221	153,558
1891	795	695	210,776	646,449	160,947
1892	754	662	211,400	646,199	164,584
1893	764	645	213,956	657,734	174,350
1894	750	638	213,376	663,848	184,499
1895	729	634	218,100	671,343	197,529
1896	720	634	217,141	668,743	199,016
1897	704	619	218,391	721,562	216,834

(a) Compiled from the Annual Report of the Committee for Rural Loan and Deposit *Sberegátniukh i promuashlennukh Tovaristchestvakh*). It is stated that the societies carry on their business by being accorded large credits for goods supplied to them. (See given in the source.)

(b) These figures relate to 111 societies only, one society having returned its capital and

(c) In addition, one society, which did not distinguish the items of its assets or its

(d) In addition, one society, which did not distinguish the items of its assets or its

(e) Compiled from the source mentioned in footnote (a) and from No. 15 of the Petersburg, 1900; see also *Credit Populaire*, St. Petersburg, 1900. In addition to the last mentioned, 22 co-operative credit associations of a somewhat different type, formed societies are not available. [Apart from credit associations formed and worked upon persons requiring small loans, which have been created and are managed by local (720 at the date of the publication of *Credit Populaire*), the communal loan and deposit available].

(f) Advances to societies and deposits.

## RUSSIAN EMPIRE.

## FOR DISTRIBUTION.(a)

## OPERATIVE ASSOCIATIONS for DISTRIBUTION (STORES) in the RUSSIAN EMPIRE.

Sales.		Gross Profit, Trade Expenses and Net Profit.				Year.
Number of Societies making Returns as to particulars referred to in Col. 9. (8)	Amount of Sales. (9)	Number of Societies making Returns as to particulars referred to in Cols. 11-13. (10)	Gross Profit. (11)	Trade Expenses. (12)	Net Profit. (13)	
	£		£	£	£	
..	..	..	..	..	..	1890
..	..	..	..	..	..	1892
..	..	..	..	..	..	1893
44	527,542	..	..	..	..	1894
58	1,120,500	92	163,248	89,222	73,526	1895
54	967,607	93	144,879	96,659	48,020	1896
63	1,016,491	99	233,741	147,417	86,324	1897

## ASSOCIATIONS.(c)

and other particulars relating to Co-OPERATIVE CREDIT  
RUSSIAN EMPIRE.

Capital—cont.		Advances made by Societies.	Profit (Balance in Capital Account).	Amount paid out of Profits as Dividend on Shares.	Year.
Loan. (f)	Other.				
£	£	£	£	£	
768,172	9,927	2,387,475	86,433	47,381	1883
778,708	9,790	2,454,361	87,293	48,891	1884
850,352	13,820	2,477,007	85,471	47,397	1885
912,217	18,242	2,466,343	85,066	46,718	1886
955,175	15,809	2,512,110	84,380	47,303	1887
1,009,395	19,038	2,596,286	86,845	46,546	1888
1,011,872	19,766	2,551,910	84,804	47,075	1889
1,127,900	6,426	2,818,238	89,192	50,507	1890
1,192,320	7,435	2,789,838	87,480	50,327	1891
1,234,270	11,915	2,816,435	89,079	49,299	1892
1,297,914	12,032	2,863,215	90,712	49,169	1893
1,377,359	13,646	2,921,498	90,416	47,863	1894
1,448,015	13,490	3,030,359	94,761	43,627	1895
1,365,650	16,692	3,176,648	82,382	43,033	1896
1,462,869	16,215	3,482,480	88,266	47,459	1897

Societies and Industrial Co-operative Societies (*Otchét Komiteta o Selskikh Soude-* referred to in the table, while borrowing capital to but a small extent, are enabled to Col. 7 in the table.) Where no figures are stated in the table, the information is not

debts as amounting to £562, but without distinguishing items.

liabilities, returned total assets £710, total liabilities £562.

liabilities, returned total assets £922, total liabilities £784.

"*So-obshchaya*," published by the Committee mentioned in that footnote (St. societies referred to in the table, there were, at the date of the publication of the book under the law of June 1st, 1895; but details with respect to the position of these co-operative principles, there are in Russia important institutions intended to assist authorities, e.g., the rural banks (499 on January 1st, 1899), the peasants' help funds banks of Poland (1,295 on January 1st, 1894, the latest date as to which information is

CO-OPERATION

NUMBER AND NATURE

TABLE 137.—NUMBER, MEMBERSHIP and other particulars relating

I.—DISTRIBUTIVE SOCIETIES.	
Number of Societies and Branches in 1898—	
(i) Dealing exclusively with members ... ..	837
(ii) Dealing with members and non-members ... ..	133
Total number of Societies and Branches (b) ...	970
Membership of Societies and Branches dealing exclusively with members ( <i>membership of other Societies and Branches not stated</i> ) in 1898.	130,331
Approximate sales of Societies and Branches dealing exclusively with members ( <i>sales of other Societies and Branches not stated</i> ) in 1899.	£1,111,111
II.—WHOLESALE SOCIETY.	
Number of Societies affiliated to Danish Co-operative Wholesale Society on January 1st, 1900.	523
Capital of Wholesale Society on January 1st, 1900—	
Paid-up share capital ... ..	£15,306
Reserve funds ... ..	£23,025
Loan capital ... ..	£47,778
Sales of Wholesale Society in 1899(c) ... ..	£486,111
Net profit of Wholesale Society in 1899(c) ... ..	£16,933

(a) Compiled from *Maaendblad* and other publications of the Danish Co-operative Danish Government Statistical Office, from *Landøkonomisk Aarbog for 1900*, published by co-operators, and from details furnished by Hr. Blem, President of the Danish Co-Internationale.

(b) The following figures in relation to Distributive Societies are available:—

	1899 (Jan. 1st).		1900 (Jan. 1st).	
	No. of Societies making Returns.	—	No. of Societies making Returns.	—
Membership .. .. .	415	41,041	443	50,890
Reserve Fund .. .. .	285	£23,827	306	£23,681
Loans on mortgage of real estate .. ..	184	£20,553	180	£30,795
" on guarantee of individuals .. ..	166	£34,511	174	£34,078
" on collective guarantee of members	217	£44,284	294	£65,131
Sales in preceding year .. .. .	410	£579,863	433	£684,190

It is stated that, out of the total sales in 1899, nearly 20 per cent. were sales of grass-seed, food for cattle and coal.



IN DENMARK.

OF SOCIETIES.(a)

to CO-OPERATIVE SOCIETIES of certain CLASSES in DENMARK.

III.—DAIRY SOCIETIES.					
Number of Societies in 1900(d) ...	...	...	...	...	1,029
Membership of Societies in 1900(d) ...	...	...	...	...	162,000
Sales (butter) of Societies in 1899(d) ...	...	...	...	...	£6,722,222
IV.—BACON FACTORIES.					
Number of factories in 1900 ...	...	...	...	...	25
Membership of Societies owning factories in 1900...	...	...	...	...	60,000
V.—EGG PRODUCING SOCIETIES.					
Membership of Societies (number of Societies not stated) in 1900.	...	...	...	...	32,000
Sales of Societies in 1899 ...	...	...	...	...	£166,667

Wholesale Society, from *Statistisk Aarbog for Danmark, 4de Aargang 1899*, published by the the Association of Agricultural Students, from *Andelsbladet*, the organ of the Danish operative Union, in *Compte Rendu Officiel du Quatrieme Congrès de l'Alliance Coopérative*

(c) The Sales and Profits of the Danish Co-operative Wholesale Society (or of the two Societies which, in 1896, combined to form that Society) in previous years were as under :—

Year.	Sales.	Net Profit.	Year.	Sales.	Net Profit.
	£	£		£	£
1887	21,904	300	1893	122,761	2,725
1888	28,149	305	1894	163,860	3,140
1889	49,968	667	1895	183,792	5,122
1890	61,175	783	1896	232,004	5,967
1891	80,247	1,576	1897	323,696	8,869
1892	99,254	2,131	1898	406,080	12,733

(d) In 1898 there were 1,013 Dairy Societies, with a total membership of 148,800, and an aggregate capital of £1,500,000. The number of cows owned by the members of these Societies was 812,000, the number of gallons of milk yielded by these cows was 600,800,000 from which the dairies produced 1,053,580 cwts. of butter of the value of £2,350,000.

## CO-OPERATION IN NUMBER AND NATURE

TABLE 138.—NUMBER of CO-OPERATIVE SOCIETIES

Year.	Credit Associations.	Supply (Materials) Associations.		Supply (Instruments of Production) Associations.		Productive Sale Depot Associations.	
		Industrial.	Agri-cultural.	Industrial.	Agri-cultural.	Industrial.	Agri-cultural.
1885	2,118 (b)	140	457	(c)	174	61	7
1886	2,135 (b)	141	563	(c)	202	62	7
1887	2,200 (b)	139	688	8	222	64	8
1888	2,988	113	843	9	237	50	8
1889	3,467	113	892	10	273	61	7
1890	3,910	110	980	8	288	61	7
1891	4,401	110	1,030	13	299	50	7
1892	4,791	64	1,008	14	208	48	4
1893	5,489	59	1,071	17	214	54	4
1894	6,417	61	1,067	17	240	57	4
1895	8,069	58	1,085	21	248	56	19
1896	9,417	66	1,128	23	377	68	45
1897	10,259	73	1,167	30	455	70	83
1898	10,850	82	1,193	34	482	67	106
1899	11,477	95	1,237	53	501	73	127

## ASSOCIATIONS FOR

TABLE 139.—MEMBERSHIP, CAPITAL, SALES, PROFIT and other particulars the System of SCHULZE-DELITZSCH

Year.	No. of Societies making Returns.	No. of Share-holders in the Societies making Returns.	Capital.			Amount of Sales.	
			Share.	Reserve.	Loan.	In Stores.	Through outside Tradesmen.
1885	162	120,150	£ 165,965	£ 86,787	£ 144,593	£ 1,550,749	£ 306,079
1886	164	144,504	177,045	90,761	145,717	1,673,379	344,172
1887	171	154,460	184,589	97,681	146,784	1,764,689	307,385
1888	196	172,931	219,881	102,910	151,477	2,017,337	323,384
1889	238	192,486	211,381	102,908	182,731	2,006,652	353,876
1890	263	215,420	215,042	111,828	205,288	2,435,784	416,393
1891	302	229,126	223,066	118,036	239,406	2,690,131	474,513
1892	344	243,529	240,231	123,700	276,019	2,912,313	447,715
1893	377	264,185	268,423	134,264	316,134	2,927,860	487,633
1894	417	268,380	330,887	153,231	364,848	3,357,465	526,992
1895	460	292,077	347,865	161,444	372,310	3,540,837	593,215
1896	468	344,012	401,490	157,644	366,037	3,891,370	688,464
1897	489	403,672	403,330	163,424	375,142	4,131,849	704,047
1898	512	431,439	449,234	171,463	421,795	4,625,916	818,016
1899	534	468,992	462,636	184,943	492,640	4,853,028	816,064

(a) Compiled from *Jahrbuch des Allgemeinen Verbandes der auf Selbsthilfe beruhenden*

(b) In 1885-87 some only of the banks formed on the Raiffeisen system were included; Raiffeisen or of Schulze-Delitzsch, have been included.

(c) In these years the Industrial Associations for the Supply of Instruments of

## THE GERMAN EMPIRE.

## OF SOCIETIES.(a)

of each CLASS in the GERMAN EMPIRE.

Associations for Production.		Insurance and other Associations.	Associations for Distribution (Stores).	Building Associations.	Total.	Year.
Industrial.	Agricultural.					
148 (c)	301	49	682	33	4,170	1886
154 (c)	388	55	696	35	4,438	1886
148	532	67	712	35	4,821	1887
158	689	78	780	28	5,950	1888
140	833	75	868	38	6,777	1889
151	974	87	984	50	7,608	1890
151	1,067	94	1,122	55	8,418	1891
128	1,196	100	1,283	77	8,821	1892
120	1,341	125	1,399	101	9,334	1893
124	1,458	180	1,412	124	11,141	1894
129	1,604	184	1,400	132	13,005	1895
172	1,765	207	1,408	165	14,842	1896
179	1,932	233	1,396	192	16,069	1897
193	2,017	271	1,373	244	16,912	1898
203	2,186	310	1,404	322	17,988	1899

## DISTRIBUTION (SCHULZE-DELITZSCH).(a)

relating to the Co-OPERATIVE ASSOCIATIONS for DISTRIBUTION (STORES) on in the GERMAN EMPIRE.

Gross Profit.	Trade Expenses.		Net Profit after allowing for Depreciation (but not for Interest on Shares).		Amount devoted to Education, &c.	Year.
	Amount.	Percentage on Sales.	Amount.	Percentage on Sales.		
£	£	Per Cent.	£	Per Cent.	£	
249,377	98,038	5.58	151,340	8.61	1,627	1885
274,584	104,598	5.45	170,986	8.92	2,423	1886
299,311	114,109	5.51	185,203	8.94	1,931	1887
334,384	124,588	5.32	209,796	8.96	2,302	1888
350,660	131,921	5.38	218,740	8.93	1,367	1889
402,944	149,040	5.23	253,904	8.90	1,096	1890
429,622	162,668	5.14	266,954	8.44	1,166	1891
475,019	181,181	5.39	293,838	8.75	1,354	1892
504,450	194,258	5.69	310,192	9.08	1,365	1893
604,226	228,880	5.89	375,346	9.67	1,990	1894
658,347	247,647	5.99	410,700	9.93	2,763	1895
737,555	270,447	5.91	467,108	10.20	781	1896
791,760	294,600	6.09	497,160	10.28	1,501	1897
859,033	318,372	5.85	540,661	9.93	1,191	1898
942,833	359,465	6.23	583,368	10.11	2,346	1899

*deutschen Erwerbs- und Wirtschaftsgenossenschaften.*

in 1888 and subsequent years all co-operative banks, whether formed on the system of Production were included among Industrial Associations for Production.

CREDIT ASSOCIATIONS

TABLE 140.—MEMBERSHIP, CAPITAL, ADVANCES, PROFIT and other particulars  
DELTZSCH in the

Year.	Number of Societies making Returns.	Number of Share-holders in Societies making Returns.	Capital.			Advances made by Societies (including Renewals).	Trade Interest paid or owing to Creditors.
			Share.	Reserve.	Loan.(b)		
			£	£	£	£	£
1885 ..	896	458,080	5,392,066	1,079,060	20,090,069	76,662,046	818,653
1886 ..	881	451,452	5,461,692	1,144,574	20,587,057	76,126,571	785,501
1887 ..	886	456,276	5,531,548	1,212,250	21,356,263	80,062,860	818,778
1888 ..	901	461,356	5,526,168	1,275,139	21,261,044	79,578,466	770,080
1889 ..	1,002	490,627	5,437,566	1,305,137	21,255,543	75,718,245	753,204
1890 ..	1,072	518,003	5,853,993	1,423,769	22,691,313	82,073,710	826,704
1891 ..	1,076	514,534	5,724,225	1,473,702	21,951,159	78,080,527	790,751
1892 ..	1,075	512,509	5,815,224	1,556,079	21,712,406	76,951,726	776,583
1893 ..	1,038	502,184	5,805,534	1,602,973	21,788,226	75,940,683	769,780
1894 ..	1,047	509,723	6,025,823	1,758,412	22,896,727	77,500,631	793,580
1895 ..	1,068	525,748	6,269,566	1,884,679	23,356,152	82,965,289	839,912
1896 ..	1,065	527,765	6,488,739	1,966,625	25,798,560	83,684,397	851,319
1897 ..	872	490,924	5,769,280	1,964,507	24,840,218	86,113,707	793,448
1898 ..	862	497,111	6,082,947	1,979,957	26,437,735	95,363,264	888,653
1899 ..	875	506,327	6,364,496	2,109,765	28,536,160	106,396,490	1,007,762

CREDIT ASSOCIATIONS

TABLE 141.—MEMBERSHIP, CAPITAL, ADVANCES, PROFIT and other particulars  
the System of RAIFFEISEN affiliated

Year.	Number of Societies making Returns.	Number of Members of Societies making Returns.	Capital.		
			Share.	Reserve.	Loan.(f)
			£	£	£
1881 .. ..	121	13,220	6,537	7,634	228,916
1885 .. ..	245	24,466	10,051	20,447	464,269
1892 .. ..	713	62,037	23,637	56,979	1,600,073
1893 .. ..	610	Not stated.	23,688	56,819	1,424,790
1894 .. ..	978	Not stated.	34,280	92,839	2,374,368
1897 .. ..	2,014	168,675	65,460	137,462	5,058,667

(a) Compiled from the source stated  
(b) Loans from private individuals (including savings bank accounts), current accounts,  
(c) This relates to acceptances other than those of the societies themselves, and represents  
(d) Compiled from figures published by the Federation (*Generalverband ländlicher*  
(e) These societies are nearly all banks, but include a few other classes of associations  
affiliated to the Federation in June, 1897, included 31 creameries, 18 wine growers' associa-  
distributive societies, selling goods required by their members; some sell articles produced  
(f) Loans from private individuals (including savings bank accounts and current  
(g) The figure given in the German statistics for 1891 under "Expenses" includes law

**(SCHULZE-DELITZSCH). (a)**

relating to the CO-OPERATIVE CREDIT ASSOCIATIONS on the System of SCHULZE-GERMAN EMPIRE.

Expenses.	Losses (Bad Debts, &c.).	Profit.	Amount paid or credited out of Profits to			Liabilities at end of Year in respect of Accept- ances not matured. (c)	Year.
			Reserve.	Dividend on Shares.	Edu- cation, &c.		
Expenses of Administration (including Depreciation).							
£	£	£	£	£	£	£	
279,897	46,477	417,705	80,271	524,011	1,732	481,310	1885
265,920	34,387	417,442	80,762	522,423	1,752	442,685	1886
268,283	40,388	411,662	77,278	520,706	2,042	574,631	1887
304,180	41,521	435,853	90,264	529,020	2,040	481,174	1888
266,346	50,434	423,707	84,814	514,466	2,435	522,001	1889
321,305	77,290	450,924	100,362	531,050	2,028	667,164	1890
312,543	61,888	442,024	99,366	520,102	2,653	727,968	1891
317,631	36,255	443,306	106,304	526,197	2,393	730,247	1892
313,622	50,768	443,873	106,825	524,284	3,428	768,710	1893
323,504	48,359	474,385	122,292	530,633	3,913	518,168	1894
333,967	52,535	470,912	111,718	536,160	4,355	648,180	1895
356,261	45,992	491,393	122,060	546,269	3,523	996,417	1896
329,091	45,584	476,432	128,261	519,738	3,564	1,136,953	1897
347,275	49,509	505,223	138,918	537,597	3,412	1,590,263	1898
371,164	99,909	555,126	170,892	556,862	3,656	1,454,897	1899

**(RAIFFEISEN.-NEUWIED). (d)**relating to the CO-OPERATIVE CREDIT ASSOCIATIONS (RURAL BANKS) (c) on  
to the NEUWIED FEDERATION.

Advances made by Societies (including law costs).	Trade Expenses.		Profit (Balance in Capital Account).	Year.
	Interest, &c.	Expenses of Administration.		
£	£	£	£	
124,715(g)	11,728(g)	(g)	3,451	1881.
206,134	18,154	5,384	4,769	1885.
Not stated.	Not stated.	Not stated.	3,755	1892.
657,069	41,531	12,045	3,525	1893.
711,801	78,890	18,008	8,177	1894.
1,510,811	154,499	37,962	26,832	1897.

in footnote (a) on pp. 221-2, ante.

Liabilities on acceptances, loans from banks and societies and loans on mortgage.

Liability by reason of endorsement.

Genossenschaften für Deutschland zu Neuweid.

(8 wine growers' associations in 1881, 4 similar associations in 1885; the 2,006 societies  
tions, and 53 other societies, not banks). Most of the banks are at the same time

by members.

accounts) and loans from bank.

costs and expenses of administration, as well as interest.

## CREDIT ASSOCIATIONS ON THE

TABLE 142.—MEMBERSHIP, TURN-OVER, PROFIT, RESERVES and other  
System of RAIFFEISEN affiliated to the FEDERATION of

Year.	Number of Associa- tions making Returns.	Number of Members of Associa- tions making Returns.	Turn-over (cash received plus cash expended).
			£
1884 ... ..	95	8,087	328,448
1885 ... ..	112	11,278	387,436
1886 ... ..	136	12,100	480,826
1887 ... ..	153	13,964	581,472
1888 ... ..	176	15,533	701,894
1889 ... ..	217	19,468	927,864
1890 ... ..	274	24,636	1,162,804
1891 ... ..	358	31,479	1,473,985
1892 ... ..	476	40,874	1,968,564
1893 ... ..	574	49,188	2,430,948
1894 ... ..	611	53,782	2,716,294
1895 ... ..	649	58,695	3,069,161
1896 ... ..	669	62,120	3,258,911
1897 ... ..	716	65,691	3,501,265
1898 ... ..	772	72,536	4,022,433

## ASSOCIATIONS FOR DISTRIBUTION (AGRICULTURAL

TABLE 143.—MEMBERSHIP, CAPITAL, SALES, PROFIT and other particulars  
CULTURAL SUPPLY) (d) affiliated to the FEDERATION of

Year.	Membership.		Capital.		
	Number of Associations making Returns.	Number of Members.	Share.		Re-
			Number of Associations making Returns.	Amount Returned.	Number of Associations making Returns.
				£	
1892	420	32,680	362	31,179	382
1893	475	34,983	440	21,875	435
1894	383	27,726	381	23,304	380
1895	635	46,048	623	29,900	574
1896	743	52,102	744	25,716	745
1897	813	57,354	837	27,792	
1898	1,019	78,284	1,008	45,037	01

(a) Compiled from *Statistisches Handbuch für das Königreich Württemberg*, published

(b) Manures, fruit, cattle food, seeds, &amp;c.

(c) Compiled from figures published by the Federation (*Allgemeiner Verband der*  
was changed in 1900 from Offenbach to Darmstadt. The Societies affiliated to thisincluded in Table 138, pp. 221-2, *note*, among Agricultural Supply (Materials) Associa-(d) These Societies have now begun also to sell agricultural products (*e.g.*, corn and

**RAIFFEISEN SYSTEM (WURTEMBERG).(a)**  
particulars relating to the Co-OPERATIVE CREDIT ASSOCIATIONS on the  
AGRICULTURAL CREDIT ASSOCIATIONS in WURTEMBERG.

Profit.	Reserve Funds.	Goods Purchased for Sale to Members. (b)		Year.
		Number of Societies making Returns of Purchases.	Value of Purchases. (b)	
£	£		£	
863	2,143	34	1,843	1884
978	3,249	43	1,814	1885
1,204	4,248	73	5,952	1886
1,443	5,709	79	6,962	1887
1,823	7,454	79	4,017	1888
1,926	9,132	104	9,207	1889
2,499	8,976	103	8,625	1890
3,491	10,927	161	16,867	1891
4,778	14,165	242	21,623	1892
5,146	18,190	283	35,222	1893
6,064	21,905	277	28,717	1894
7,293	28,039	308	32,121	1895
7,479	34,429	325	31,461	1896
8,376	40,020	389	49,486	1897
9,090	47,432	427	51,471	1898

**SUPPLY) OF THE DARMSTADT FEDERATION.(c)**

relating to the Co-OPERATIVE ASSOCIATIONS for DISTRIBUTION (AGRI-  
GERMAN AGRICULTURAL ASSOCIATIONS (DARMSTADT).

Capital— <i>cont.</i>		Goods Supplied.		Profit.		Year.
serve.		Number of Associations making Returns.	Amount Returned.	Number of Associations making Returns.	Amount Returned.	
	Amount Returned.					
	£		£		£	
	16,718	414	780,708	360	10,448	1892
	16,153	470	608,198	447	8,716	1893
	17,801	379	507,444	377	7,964	1894
	22,828	630	543,960	479	9,045	1895
	27,512	499	614,232	554	9,080	1896
	34,483	504	724,649	566	10,759	1897
	44,778	592	993,905	674	20,488	1898

by the Royal Statistical Office of Wurtemberg.

landwirtschaftlichen Genossenschaften des deutschen Reichs). The seat of this Federation  
organisation supply their members with manures, cattle food, seeds, coal, &c., and are  
tions.  
potatoes).

DAIRY ASSOCIATIONS

TABLE '44.—MEMBERSHIP, CAPITAL, SALES, PROFIT and other particulars relating to AGRICULTURAL ASSOCIA-

Year.	Membership.		Capital.			
	Number of Societies making Returns.	Number of Members Returned.	Share.		Reserve.	
			Number of Societies making Returns.	Amount Returned.	Number of Societies making Returns.	Amount Returned.
1892	261	11,196	127	£ 71,564	189	£ 31,335
1893	397	20,788	353	113,975	355	53,433
1894	475	26,482	272	87,024	370	72,848
1895	412	24,781	300	94,644	299	53,442
1896	562	39,766	555	141,381	554	115,489
1897	675	50,638	674	181,022	675	161,026
1898	794	63,846	791	195,261	791	219,006

CREDIT ASSOCIATIONS

TABLE 145.—MEMBERSHIP, CAPITAL, OUTSTANDING ADVANCES, PROFIT and other FEDERATION of GERMAN

Year.	Membership.		Capital.			
	Number of Societies making Returns.	Number of Members Returned.	Share.		Reserve.	
			Number of Societies making Returns.	Amount Returned.	Number of Societies making Returns.	Amount Returned.
1889	290	25,484	207	£ 48,987	207	£ 25,442
1890	314	30,614	258	64,750	258	30,950
1891	424	44,988	363	97,600	363	57,150
1892	462	51,551	463	108,680	463	65,141
1893	538	58,912	535	124,883	535	76,044
1894	645	71,747	591	143,906	646	101,078
1895	1,065	93,417	1,038	175,638	1,059	116,029
1896	1,781	129,987	1,701	221,696	1,701	136,211
1897	3,131	219,595	3,149	284,963	3,149	202,353
1898	3,667	260,050	3,667	344,871	3,667	252,709

(a) Compiled from the source stated  
(b) Also 14,945



**(DARMSTADT FEDERATION).(a)**

the Co-OPERATIVE DAIRY ASSOCIATIONS affiliated to the FEDERATION of GERMAN TIONS (DARMSTADT).

Sales.				Profit.		Value of Premises and Plant.		Year.
Milk.		Butter.		Number of Societies making Returns.	Amount Returned.	Number of Societies making Returns.	Value of Premises and Plant Returned.	
Number of Societies making Returns.	Quantity Returned as Sold.	Number of Societies making Returns.	Quantity Returned as Sold.					
}	Not stated.		}	100	£ 10,957	199	£ 412,647	1892
				325	109,988	354	697,050	1893
				318	28,005	351	739,769	1894
	Gallons.			365	62,989	238	525,212	1895
319	3,895,327	319	Cwts. 279,891	512	30,633	535	993,711	1896
417	4,104,995	403	328,300	609	47,428	636	1,174,449	1897
760	8,335,832(b)	764	660,546	755	70,764	791	1,405,794	1898

**(DARMSTADT FEDERATION).(a)**

particulars relating to the Co-OPERATIVE CREDIT ASSOCIATIONS affiliated to the AGRICULTURAL ASSOCIATIONS (DARMSTADT).

Outstanding Advances.				Expenses of Administration.		Profit.		Year.
On Current Account.		For Fixed Terms.		Number of Societies making Returns.	Amount Returned.	Number of Societies making Returns.	Amount Returned.	
Number of Societies making Returns.	Amount Returned.	Number of Societies making Returns.	Amount Returned.					
}	Not stated.		}	207	£ 5,726	207	£ 9,349	1889
				258	6,800	314	11,350	1890
				363	10,850	424	16,200	1891
				437	11,543	463	17,587	1892
				535	15,067	535	19,779	1893
				608	15,576	646	23,096	1894
				845	20,823	1,038	25,511	1895
				1,199	22,377	1,784	39,543	1896
				1,425	28,038	3,149	53,994	1897
				1,853	33,904	3,667	63,500	1898
1,434	1,399,040	1,643	3,134,701					
3,148	1,738,915	1,801	3,693,248					
3,666	2,982,179	3,667	7,008,682					

in footnote (c) on pp. 225-6, ante.  
gallons of cream.

## CO-OPERATION IN HOLLAND.

## NUMBER AND NATURE OF SOCIETIES.(a)

TABLE 146.—NUMBER of CO-OPERATIVE SOCIETIES of each CLASS in HOLLAND and her COLONIES.

Year.	Associations for Distribution.	Associations for Production.	Building Associations.	Savings, Loan, Insurance, etc., Associations.	Total
1895	195	178	51	25	449
1896	200	211	58	24	493
1897	205	302	59	28	594
1898	232	365	66	35	698
1899	257	422	75	74	828
1900	281	475	81	87	924
1901	303	518	87	107	1,015

## ASSOCIATIONS FOR DISTRIBUTION (MEMBERS OF CO-OPERATIVE FEDERATION).(a)

TABLE 147.—NUMBER of ASSOCIATIONS for DISTRIBUTION (STORES) affiliated to both the CONSULTATIVE and the COMMERCIAL CHAMBER of the NETHERLANDS CO-OPERATIVE FEDERATION; with the VALUE of the GOODS purchased by them (I.) from ALL SOURCES, and (II.) through the COMMERCIAL CHAMBER.

Year.		Societies affiliated to both the Consultative and the Commercial Chamber of the Netherlands Co-operative Federation.			
		Number of Associations.	Value of Total Purchases from all Sources.	Value of Purchases through Commercial Chamber.	Proportion of Total Purchases made through Commercial Chamber.
			£	£	Per cent.
1890	...	15	119,754	43,875	36·64
1891	...	16	130,613	44,865	34·35
1892	...	17	134,093	47,591	35·49
1893	...	19	168,569	49,299	29·25
1894	...	19	176,240	50,582	28·70
1895	...	21	177,773	53,951	30·35
1896	...	23	185,322	55,481	29·94
1897	...	26	189,235	65,797	34·77
1898	...	30	204,644	74,495	36·40
1899	...	28	220,151	80,817	36·71

(a) Compiled from *Jaarboek van den Nederlandschen Coöperatieven Bond*, published by the Netherlands Co-operative Federation. The figures given as to the number of Dutch Co-operative Associations are stated to be probably too high, since, in the absence of a legal obligation to register the dissolution (such as exists in regard to the formation) of a society, the Federation has no means of informing itself of all the cases in which societies have ceased to exist.

## CO-OPERATION IN BELGIUM.

## NUMBER OF SOCIETIES.(a)

TABLE 148.—NUMBER of CO-OPERATIVE SOCIETIES in BELGIUM.

Year.	Number.	Year.	Number.
1894 ... ..	311	1898 ... ..	1,128
1895 ... ..	394	1899 ... ..	1,297
1896 ... ..	564	1900 ... ..	1,522
1897 ... ..	873		

## AGRICULTURAL SUPPLY (MATERIALS) ASSOCIATIONS.(b)

TABLE 149.—NUMBER and MEMBERSHIP of, and PURCHASES by AGRICULTURAL SUPPLY ASSOCIATIONS in BELGIUM.

Year.	Number of Societies.	Number of Members of Societies.	Value of Seeds, Manures, Feeding Stuff, Machines, Fuel, &c. purchased by Societies.
1895 ... ..	337	26,726	£ 204,990
1896 ... ..	469	38,487	297,827
1897 ... ..	585	47,206	337,093
1898 ... ..	602	48,747	469,231

## DAIRY ASSOCIATIONS.(c)

TABLE 150.—NUMBER, MEMBERSHIP and SALES of CO-OPERATIVE DAIRY ASSOCIATIONS in BELGIUM.

Year.	Number of Societies having Dairies in operation.	Number of Members of Societies.	Sales.			
			Milk.	Butter.	Skimmed Milk, Cheese, &c.	Total.
1895	69	3,501	£ 4,039	£ 123,480	£ 1,959	£ 129,478
1896	118	9,890	8,455	202,790	3,143	214,388
1897	167	17,022	5,257	355,180	5,253	365,690
1898	237	24,519	5,015	500,305	6,792	512,112

(a) Compiled from *Revue du Travail*, published by the Belgian Labour Department. The figures are stated to include all the Co-operative Societies which have been formed since 1873, and the dissolution of which has not been officially recorded, or discovered by the investigations of that Department.

(b) Compiled from *Renseignements Statistiques concernant la Situation des Associations d'Intérêt Agricole pendant les Années 1895 et 1896*, and similar details (*Exposé Statistique*) for following years, published by the Belgian Ministry of Agriculture.

(c) Compiled from the sources stated in footnote (b). The members of the Associations referred to in the table owned in 1898, on the average, somewhat less than 3 cows each.

## DISTILLERY ASSOCIATIONS.(a)

TABLE 151.—NUMBER, MEMBERSHIP, SHARE CAPITAL and SALES of CO-OPERATIVE DISTILLERY ASSOCIATIONS in BELGIUM.

Year.	Number of Societies having Distilleries in operation.	Number of Members of Societies.	Share Capital of Societies.	Sales.
1897	6	151	£ 9,207	£ 14,460
1898	24	886	34,458	159,489

## CREDIT ASSOCIATIONS—PEOPLE'S BANKS.(b)

TABLE 152.—NUMBER, MEMBERSHIP, CAPITAL, ADVANCES and PROFIT of the PEOPLE'S BANKS in BELGIUM.

Year. (c)	Total No. of Societies.	No. of Societies making Returns.	No. of Members of Societies.	Capital.			Advances made by Societies.	Profit (Balance in Capital Account).
				Share.	Reserve.	Loan.(d)		
				£	£	£	£	£
1882	16	16	9,975	76,759	6,596	184,188	1,063,882	4,744
1883	15	15	9,768	77,957	7,694	181,161	1,001,758	3,961
1885	15	15	9,977	84,097	10,285	227,927	1,233,580	4,323
1886	15	15	9,981	80,517	11,418	235,625	1,245,675	4,059
1887	18	17	10,351	82,564	12,688	283,238	1,251,790	4,239
1888	17	15	9,808	80,240	11,468	251,180	1,088,681	4,251
1890	16	15	10,724	84,377	11,170	248,348	1,277,082	7,607
1893	24	20	10,603	86,839	15,407	331,666	1,539,688	8,965
1894	24	20	11,666	92,383	18,937	386,768	1,423,730	8,432
1895	23	22	13,653	108,598	26,128	495,676	1,200,183	12,240
1897	21	21	13,341	115,814	29,436	(e)	2,697,500	(e)
1899	22	22	14,379	132,630	44,874	602,557	3,234,576	(e)

## CREDIT ASSOCIATIONS ON THE RAIFFEISEN SYSTEM.(f)

TABLE 153.—NUMBER, MEMBERSHIP, CAPITAL and ADVANCES of CO-OPERATIVE CREDIT ASSOCIATIONS on the SYSTEM of RAIFFEISEN in BELGIUM.

Year.	Number of Societies.	Number of Members of Societies.	Capital.			Advances made by Societies.
			Members' Contributions.	Reserve.	Loan. (g)	
			£	£	£	£
1895	33	1,160	135	89	11,335	4,442
1896	77 (h)	2,852	334	298	25,441	11,507
1897	158	5,689	653	553	63,359	18,698
1898	199	7,812	909	1,010	118,224	29,617

(a) Compiled from the sources stated in footnote (b) on p. 230, *ante*. The area under cultivation by the members of these Associations in 1898 was, on the average, slightly under 20 acres.

(b) Compiled from the statistics published by the Federation of Belgian People's Banks and from the *Revue du Travail*, published by the Belgian Labour Department.

(c) To June 30th as to 1882 and 1883, 1885-88, 1893, 1894, and 1899; to December 31st as to 1890 and 1896; on January 1st as to 1897.

(d) Including current accounts, unclaimed dividends, loans on security, deposits (savings bank and others), liabilities on re-discount of bills, &c.

(e) Cannot be stated.

(f) Compiled from the sources stated in footnote (b) on p. 230, *ante*. The Associations referred to in the table are mainly composed of small farmers, and their business is done chiefly with persons of this class.

(g) Loans to Societies and deposits.

(h) Including 1 Society with 15 members, which at the end of 1896 had not yet commenced operations.

## CO-OPERATION IN FRANCE.

## ASSOCIATIONS FOR DISTRIBUTION.(a)

TABLE 154.—NUMBER and MEMBERSHIP of CO-OPERATIVE ASSOCIATIONS for DISTRIBUTION (STORES) in FRANCE.

Year.	Total Number of Societies.	Number of Societies of which Membership is known.	Membership of Societies referred to in Col. 3.
(1)	(2)	(3)	(4)
1894 (December 31st) ..	719	591	198,848
1895 (December 31st) ..	708	551	261,145
1897 (April 30th) .. ..	708	..	..
1899 (July 1st) .. ..	806	..	..
1900 (July 1st) .. ..	822	710	335,044

## AGRICULTURAL ASSOCIATIONS.(b)

TABLE 155.—NUMBER and MEMBERSHIP of AGRICULTURAL ASSOCIATIONS (SYNDICATS AGRICOLES) formed under the Law of 1884, and of the FEDERATIONS of such ASSOCIATIONS.

Year.	Societies.		Federations of Societies.		
	Number.	Membership.	Number.	Membership.	
				Number of Federated Associations.(c)	Number of Members of Federated Associations.(e)
1890 (1st July) .. ..	648	234,284	9	..	..
1891 (1st July) .. ..	750	269,296	9	..	..
1892 (1st July) .. ..	865	313,800	14	..	..
1893 (1st July) .. ..	952	353,883	16	..	..
1894 (1st July) .. ..	1,092	378,750	15	729	537,966
1895 (1st July) .. ..	1,186	403,261	17	821	565,318
1896 (1st July) .. ..	1,275	423,462	19	873	590,121
1897 (31st December)	1,409	448,365	30	1,184	700,557
1898 (31st December)	1,824	491,662	34	1,192	466,539
1899 (31st December)	2,069	512,764	35	1,326	487,145

## ASSOCIATIONS FOR PRODUCTION: BAKERIES.(a)

TABLE 156.—NUMBER and MEMBERSHIP of CO-OPERATIVE BAKING ASSOCIATIONS (d) in FRANCE.

Year.	Total Number of Associations.	Number of Associations of which Membership is known.	Membership of Associations referred to in Col. 3.
(1)	(2)	(3)	(4)
1894 (December 31st) ..	429	431	49,909
1895 (December 31st) ..	509	478	96,783
1897 (April 30th) .. ..	491	..	..
1899 (July 1st) .. ..	613	..	..
1900 (July 1st) .. ..	641	568	125,231

(a) Compiled from *Bulletin de l'Office du Travail*, published by the French Labour Department.(b) Compiled from *Annuaire des Syndicats Professionnels*, published by the French Ministry of Commerce, Industry, Post and Telegraphs.

(c) Some associations are affiliated to more than one Federation.

(d) The undertakings referred to in this table are bakeries included in the French statistics among "sociétés coopératives de consommation." A small number of baking societies (formed, not by the purchasers of bread, but by bakers) are classed in the French statistics among the "productive" societies, and are included in the figures given in Table 157, *post*, p. 233.

### ASSOCIATIONS FOR PRODUCTION (OTHER THAN BAKERIES), 1895.(a)

**TABLE 157. — NUMBER of ASSOCIATIONS for PRODUCTION (other than Bakeries) in FRANCE, in 1895; with their MEMBERSHIP, CAPITAL (Share and Loan), VALUE of BUSINESS done and PROFIT earned, the DIVISION of such PROFIT, and the NUMBER of their EMPLOYEES and WAGES paid in that Year.**

	Associations entirely or mainly connected with the Building Trades.	Associations connected with Trades other than the Building Trades.	Associations of Cab-drivers.(b)	All Associations together.
(1)	(2)	(3)	(4)	(5)
<b>Position in 1895.</b>				
Number of societies in operation in 1895.	65	89	18	172
Number of societies to which the following particulars relate.	63	86	17	166
Number of members at end of 1895	1,065	7,138	826	9,029
Paid-up share capital held at date of inquiry by—				
Workmen desiring employment by the society.	£39,203	£244,295	£84,193	£357,691
Former workmen of the society.	£2,016	£31,761	..	£33,777
Other workmen belonging to the trade carried on by the society.	£1,302	£63,143	..	£64,444
Other persons .. .. .	£230	£12,478	..	£12,708
Total share capital (paid up) (c) ..	£32,751	£351,676	£84,193	£468,620
Loans by members to societies as shown by 1895 balance sheet. (c)	£9,431	£21,365	£25,000	£55,796
Value of business done in 1895 ..	£216,464	£306,451	£169,899	£1,195,814
Profits earned in 1895 .. .. .	£22,230	£65,832	£8,347	£96,409
<b>Division of Profits of 1895.</b>				
To reserve funds .. .. .	£2,660	£4,943	£517	£8,120
As interest or dividend to capital..	£3,203	£40,811	£3,990	£48,004
To management .. .. .	£754	£2,339	..	£3,093
To labour { Members employed by society.	£1,237	£7,114	£3,142	£11,493
{ Non-members employed	£1,264	£6,548	..	£7,812
To Provident Fund .. .. .	£865	£1,638	£121	£2,624
Total profits divided .. .. .	£9,983	£63,393	£7,770	£81,146
<b>Number of Employees and Wages paid in 1895.</b>				
Members .. { Minimum .. ..	507	3,736	770	4,013
{ Maximum .. ..	835	3,180	849	4,864
Non-members { Minimum .. ..	216	3,603	455	4,274
{ Maximum .. ..	1,723	4,441	571	6,735
Total number { Minimum .. ..	723	6,339	1,225	8,287
{ Maximum .. ..	2,558	7,621	1,420	11,599
Total wages paid .. .. .	£31,006	£316,326	£88,936	£496,268

(a) Compiled from the Report of an Inquiry, mainly relating to the year 1895, made by the French Labour Department (*Les Associations Ouvrières de Production : Office du Travail*). The same authority states the total number of associations for production in existence on January 1st, 1896, to have been 181, including 17 associations of cab-drivers, and on January 1st, 1897, 184, including a similar number of cab-drivers' associations; while figures published by the same Department in *Bulletin de l'Office du Travail* show the number of such associations on January 1st, 1898, to have been 214 (again including 17 associations of cab-drivers). The statistics relate to industrial production and do not include agricultural enterprises. As to bakeries, see footnote (d) on p. 232, ante.

(b) In the statistics as to Workmen's Co-operative Associations published by the Labour Department of the Board of Trade societies carrying on business of this nature are not counted as associations for production.

(c) In addition to their share and loan capital, the balance-sheets made up to the end of 1895 or the nearest available date show that 162 of the associations referred to in the table (the balance-sheets of certain of these associations, one a very important society, not having been furnished) possessed the following amounts:—Reserve Fund, £228,070 (Col. 2, £124,466; Col. 3, £209,496; Col. 4, £6,108); Accident and Sick Funds, £2,596 (Col. 2, £1,341; Col. 3, £1,030; Col. 4, £327); Pension Fund, £16,714 (Col. 2, £3,355; Col. 3, £13,356; Col. 4, £3).

### ASSOCIATIONS FOR PRODUCTION (OTHER THAN BAKERIES), 1900.(a)

TABLE 158.—NUMBER of ASSOCIATIONS for PRODUCTION (*other than Bakeries*) in FRANCE, in 1900 (July 1st), with their MEMBERSHIP and the NUMBER of their EMPLOYEES.

Number of Societies in 1900 (July 1st) .. .. .	247(b)	
Number of Societies furnishing Returns .. .. .	155	
Number of Members of Societies furnishing Returns .. .. .	10,793	1
Number of Persons usually employed by Societies furnishing Returns:—		
Members .. .. .	5,018	
Non-Members .. .. .	4,217	
Total .. .. .	9,235	

(a) Compiled from the source mentioned in footnote (a) on p. 232, *ante*.

—(b) The distribution of these 247 societies by groups of trades is as follows:— Building Trades, 85; Mining and Quarrying, 6; Metal, Engineering and Shipbuilding, 24; Textile Trades, 10; Clothing Trades, 18; Transport, 17; Printing, Paper and Allied Trades, 21; Woodworking and Furnishing Trades, 22; Glass Trades, 7; Food Preparation Trades, 6; Workers in Fibre, Cane, &c., 5; Leather Trades, 5; Diamond Workers, 5; Miscellaneous 16. The number of associations of the class referred to in the table was 184 at January 1st, 1897, 214 at January 1st, 1898, and 246 at July 1st, 1899.

### CO-OPERATION IN SWITZERLAND.

#### NUMBER AND NATURE OF SOCIETIES.(c)

TABLE 159.—NUMBER of CO-OPERATIVE SOCIETIES of each CLASS in SWITZERLAND.

Class of Society.	Number of Societies in	
	1895.	1898.
Associations for Distribution .. .. .	574	879
Production .. .. .	1,521	1,854
Banks (Savings and other) and Guarantee Societies .. .. .	188	215
Miscellaneous Associations .. .. .	122	164
Total .. .. .	2,405	3,112

### ASSOCIATIONS FOR DISTRIBUTION.(d)

TABLE 160.—NUMBER, MEMBERSHIP, CAPITAL and SALES of CO-OPERATIVE ASSOCIATIONS for DISTRIBUTION (STORES) in SWITZERLAND.

Year.	Number of Societies.	Number of Societies making Returns.	Number of Members.	Capital.			Sales
				Share.	Reserve.	Loan (Deposits by Members).	
1894	264	138(c)	58,151	£ 78,701	£ 73,961	£ 64,593	£ 928,979
1899	344	337	117,594	185,352		Not stated.	1,838,245

(c) From an article by Dr. Eggenberger, of Berne, in *Schweizerische Blätter für Wirthschafts und Socialpolitik*, VI. Jahrgang 1898, Nr. 21. The figures are stated to be lower than the actual numbers, because they are in great part based upon official statistics relating exclusively to registered societies.

(d) The figures for 1894 are compiled from a Report entitled *Die Schweizerischen Konsumgenossenschaften*, prepared by the Secretary of the Federation of Swiss Co-operative Distributive Societies (Dr. Hans Müller). The figures for 1899 are compiled from *Statistisches Jahrbuch für 1900*, published by that Federation. In addition to the retail societies referred to in the table, there are two Co-operative Wholesale Societies, the one connected with the Federation just mentioned, the other with the Federation of Agricultural Supply Associations in Eastern Switzerland. According to the *Jahrbuch* and the Report for 1899 of the former Federation, the sales of the Wholesale Agency connected with that organisation amounted to (in round figures) £17,330 in 1893 (15 months), £22,880 in 1894, £45,400 in 1895, £71,440 in 1896, £91,080 in 1897, £104,720 in 1898, and £132,240 in 1899. In an article by Dr. Müller in *The Scottish Co-operator* of March 22nd, 1901, the sales of this Agency in 1900 are stated to have amounted to £150,000. The sales of the other Wholesale Society in 1898 (so far as concerns goods supplied to stores) amounted to £134,828.

(e) The Returns as to membership came from 138 societies, those as to capital, other than loan, from 137, as to loan capital (deposits) from 57, and as to sales from 137. As to net profits in 1894, Returns from 135 societies showed aggregate profits (after allowing for depreciation, but not for interest on share capital) amounting to £77,828. The Returns referred to related to societies other than the Agricultural Supply Associations affiliated to the Federation of Agricultural Co-operative Societies in Eastern Switzerland. The number of these Supply Associations in 1894 was 66, with an aggregate membership estimated at 4,600. Returns from 58 of these Associations showed that in 1895 their sales had amounted to over £480,000, and their net profit to £4,812. In the article referred to in the preceding note Dr. Müller states the number of these societies as 120, with a membership of about 8,000. The Wholesale Agency connected with this Federation had in 1900 a turn-over of £150,000.

## CO-OPERATION IN ITALY.

## PEOPLE'S BANKS.(a)

TABLE 161.—NUMBER, CAPITAL, DEPOSITS, ADVANCES and other particulars relating to the CO-OPERATIVE CREDIT ASSOCIATIONS (PEOPLE'S BANKS) in ITALY.

Year.	No. of Banks in existence.	Particulars in relation to the Banks as to which details were available. (b)				
		Capital, Share and Reserve.	Deposits on Current Accounts, Deposits on Savings-Bank Accounts, and Interest-Bearing Bonds.	Bills in Hand.	Outstanding Advances against Deposits of Securities. Warrants, etc.	Investments (Public Funds, Industrial Stocks, etc.) held.
		£ (c)	£ (c)	£ (c)	£ (c)	£ (c)
1884	310	2,797,120	11,635,520	7,244,320	907,320	3,887,200
1885	407	3,172,320	13,076,920	8,365,200	1,180,720	3,500,560
1886	516	3,673,880	15,940,600	10,677,040	1,230,120	4,145,880
1887	608	4,164,360	17,104,680	11,412,480	1,440,320	4,050,320
1888	652	4,380,680	17,561,200	11,268,560	1,578,920	4,161,880
1889	672	4,598,680	17,004,000	10,919,520	1,408,960	4,587,880
1890	694	4,729,400	16,883,560	10,306,080	1,538,880	4,639,880
1891	693	4,772,640	16,661,240	10,149,920	1,256,520	5,060,480
1892	718	4,754,880	16,855,640	9,878,920	1,110,800	5,590,120
1893	730	4,729,120	14,308,920	9,479,040	1,270,400	5,582,040
1894	720	4,588,880	14,886,560	8,579,600	1,176,920	5,440,080
1895	714	4,475,530	15,806,560	9,085,680	1,159,720	5,461,680
1896	710	4,449,000	15,968,760	9,312,600	1,330,480	5,043,520
1897	685	4,334,840	16,234,480	9,772,560	1,404,960	5,284,080
1898	696	4,149,440	15,108,600	9,361,400	1,424,600	5,600,960

(a) Compiled from *Banche Popolari, Anno 1898*, published by the Statistical Department of the Italian Ministry of Agriculture, Industry and Commerce; the figures relate exclusively to the banks working on the principle of limited liability.

(b) The number of banks making Returns is as follows:—1886, 412; 1887, 541; 1893, 655; 1894, 688; 1895, 681; 1896, 669; 1897, 645; 1898, 594; it is stated that for the remaining years "no special statistical investigation was made."

(c) The figures are given in millions and thousands of lire, and the amounts stated in the text are, therefore, approximate only.



## SOCIETIES OTHER THAN PEOPLE'S BANKS.(a)

TABLE 162.—NUMBER, MEMBERSHIP and CAPITAL of CO-OPERATIVE SOCIETIES of each CLASS (other than BANKS) in ITALY, on December 31st, 1898.

Class of Society.	Number of Societies.	Number of Societies making Returns as to Membership.	Number of Members of Societies referred to in Col. 3.	Share Capital of Societies referred to in Col. 2.
(1)	(2)	(3)	(4)	(5)
Distributive (store) ... ..	508	468	115,027	191,555
Building and decorating ...	349	288	64,007	536,435
Metal and engineering trades	13	10	1,573	19,045
Textile trades ... ..	6	6	624	11,595
Electrical trades ... ..	18	16	3,213	36,679
Transport trades ... ..	21	15	1,309	24,191
Agriculture and viticulture ...	5 <sup>11</sup>	38	8,415	25,252
Printing and allied trades ...	24	17	1,445	9,108
Chemical, etc., trades ...	29	26	2,123	22,639
Glass and pottery trades ...	11	8	877	40,028
Food preparation ... ..	92	84	10,325	48,035
Insurance societies ... ..	25	...	...	78,954
Commercial societies ... ..	15	4	564	8,390
Hygienic societies ... ..	10	9	2,881	18,854
† societies ... ..	128	70	25,466	56,933
Total in 1898 ... ..	1,299	1,059	238,849	1,121,693

(a) Compiled from *Annuario Statistico Italiano*, published by the Statistical Department of the Italian Ministry of Agriculture, Industry and Commerce. The figures relate exclusively to *registered* Societies. With regard to unregistered Societies, the following information is given :—

Class of Society.	Date to which the Information refers.	Number of Societies in existence at date mentioned in Col. 2.
(1)	(2)	(3)
Distributive (Stores) :—		
(a) Independent .. ..	December 31st, 1893	274
(b) Attached to Friendly Societies ..	January 1st, 1895	499
Navvies, masons, and bricklayers and allied trades.	December 31st, 1894	37
Societies for building houses (for use of — members).	December 31st, 1895	11
Industrial Societies .. ..	December 31st, 1895	84
Dairies .. ..	December 31st, 1895	390

## CO-OPERATION IN AUSTRIA-HUNGARY.

## NUMBER AND NATURE OF SOCIETIES IN AUSTRIA.(a)

TABLE 163.—NUMBER of CO-OPERATIVE SOCIETIES of each CLASS in AUSTRIA.

Year.	Credit Associations.	Associations for Distribution (Stores).	Other Associations.	Total.
1884	1,234	236	150	1,610
1885	1,259	231	164	1,654
1886	1,300	226	175	1,700
1887	1,313	234	190	1,737
1888	1,363	236	194	1,793
1889	1,484	239	213	1,916
1890	1,586	267	226	2,069
1891	1,695	286	246	2,227
1892	1,882	334	295	2,501
1893	2,118	358	349	2,825
1894	2,428	398	443	3,269
1895	2,766	451	561	3,778
1896	3,121	495	712	4,328
1897	3,579	601	808	5,089
1898	4,013	714	1,116	5,843

## ASSOCIATIONS FOR DISTRIBUTION IN AUSTRIA.(a)

TABLE 164.—NUMBER, MEMBERSHIP, CAPITAL, SALES and PROFIT of REGISTERED CO-OPERATIVE ASSOCIATIONS for DISTRIBUTION (STORES) in AUSTRIA.

Year.	Total Number of Societies.	Number of Societies making Returns.	Number of Members of Societies.	Capital.			Sales.	Profit (Balance in Capital Account).
				Share.	Reserve.	Loan.		
				£	£	£	£	£
1888	139	130	35,560	38,779	22,998	45,062	481,124	16,660
1889	172	165	53,201	70,631	34,804	58,436	703,091	26,871
1890	309	281	100,158	108,626	60,764	87,443	1,216,488	45,831
1891	353	312	118,348	117,635	68,545	105,438	1,326,964	49,202
1892	417	380	133,793	134,617	70,481	125,124	1,492,378	59,868
1893	467	410	147,117	147,012	73,515	138,824	1,671,780	70,790
1897	577	450	164,696	162,401	80,903	158,104	1,910,365	84,419

## ASSOCIATIONS FOR PRODUCTION IN AUSTRIA.(a)

TABLE 165.—NUMBER, MEMBERSHIP, CAPITAL, SALES and PROFIT of REGISTERED CO-OPERATIVE ASSOCIATIONS for PRODUCTION in AUSTRIA.

Year.	Total No. of Societies.	No. of Societies making Returns.	No. of Members of Societies.	Capital.			Sales.	Profit (Balance in Capital Account).
				Share.	Reserve.	Loan.		
				£	£	£	£	£
1894	173	120	8,833	343,943	13,133	153,138	639,884	20,664
1895	214	163	10,490	398,380	18,368	169,672	875,230	23,401
1896	217	153	10,540	432,188	27,874	178,151	907,585	31,448
1897	275	173	11,849	493,466	36,048	240,783	1,062,000	38,753

(a) Compiled from *Oesterreichisches Statistische Handbuch*, published by the Austrian Imperial Central Statistical Commission.

CREDIT ASSOCIATIONS IN AUSTRIA.(a)

TABLE 166.—NUMBER, MEMBERSHIP, CAPITAL, ADVANCES and PROFIT of REGISTERED CO-OPERATIVE CREDIT ASSOCIATIONS of all CLASSES in AUSTRIA.

Year.	No. of Societies.	No. of Shareholders in Societies.	Capital.			Advances made by Societies.	Profit (Balance in Capital Account).
			Share.	Reserve.	Loan.(b)		
			£	£	£	£	£
1883	1,068	429,851	2,061,063	643,167	15,516,750	19,062,000	198,583
1884	1,101	460,058	2,128,833	702,250	16,416,917	19,440,500	202,250
1885	1,133	483,028	2,231,063	781,000	16,782,917	19,535,917	215,667
1886	1,178	504,814	2,208,000	846,583	18,161,583	20,041,250	203,167
1887	1,195	513,756	2,370,833	923,333	18,674,000	20,884,167	217,917
1888	1,257	535,772	2,444,250	1,003,063	19,961,333	21,410,083	239,500
1889	1,334	561,169	2,450,500	1,094,417	21,911,667	22,391,833	249,583
1890	1,489	602,270	2,604,667	1,185,750	23,373,500	23,241,667	242,417
1891	1,599	635,206	2,681,667	1,299,333	25,068,333	24,241,500	256,250
1892	1,790	667,733	2,804,333	1,416,083	27,393,063	26,263,000	260,500
1893	2,029	718,848	2,943,250	1,543,750	29,821,583	27,617,833	287,063
1894	2,342	777,668	3,175,583	1,702,333	32,746,167	30,490,083	318,667
1895 (c)	2,688(c)	861,635(c)	3,356,333 (c)	1,838,583 (c)	35,564,750 (c)	34,665,417 (c)	316,833 (c)
1896	3,045	921,235	3,571,833	2,063,750	38,171,063	36,254,000	335,750
1897	3,506	1,022,360	3,754,588	2,294,500	40,844,917	37,153,833	350,000

(a) Compiled from the source stated in footnote on p. 237, ante.  
(b) Savings Bank Accounts, Current Accounts, and Loans.  
(c) The different classes of societies in existence in 1895 are shown by the following figures, compiled from *Statistische Monatschrift, Neue Folge, III. Jahrgang*, published by the Austrian Imperial Central Statistical Commission :—

Class of Society.	No. of Societies.	No. of Shareholders in Societies.	Capital.			Advances made by Societies.	Profit (Balance in Capital Account).
			Share.	Reserve.	Loan.		
			£	£	£	£	£
Industrial and Commercial.	203	58,310	235,666	78,500	1,555,500	4,965,584	19,917
Agricultural :—							
Schantz-Delitzsch System.	134	50,870	175,500	176,333	4,392,250	2,347,667	22,667
Raiffeisen System	1,023	78,293	61,000	16,000	1,632,917	811,750	8,417
For liberal professions.	109	43,331	706,417	66,167	260,563	504,583	39,333
Workmen's .. ..	6	4,713	10,750	3,500	7,583	57,333	1,417
Other .. ..	1,213	626,118	2,167,000	1,495,063	27,765,917	25,968,500	224,583
Total .. ..	2,688	861,635	3,356,333	1,838,583	35,564,750	34,665,417	316,833

CREDIT ASSOCIATIONS (RAIFFEISEN) IN AUSTRIA.<sup>(a)</sup>

TABLE 167.—NUMBER, MEMBERSHIP, CAPITAL, ADVANCES and PROFIT of the REGISTERED CO-OPERATIVE CREDIT ASSOCIATIONS on the System of RAIFFEISEN in AUSTRIA.

Year.	Total No. of Societies.	No. of Societies making Returns.	No. of Members of Societies.	Capital.			Advances made by Societies.	Profit (Balance in Capital Account).
				Share.	Reserve.	Loan. <sup>(b)</sup>		
				£	£	£	£	£
1886	2	Not stated.	54	...	...	333	333	...
1887	6		224	167	...	3,417	3,250	...
1888	32		1,077	917	83	9,167	9,833	83
1889	105		4,249	4,250	333	44,333	35,750	416
1890	182		9,670	10,167	917	119,833	99,667	917
1891	254		16,254	15,833	2,083	243,583	177,083	1,583
1892	382	330	24,375	22,000	3,917	408,417	269,000	2,500
1893	565	500	38,138	33,333	6,167	690,250	402,583	4,250
1894	804	715	56,138	46,250	10,167	1,075,083	633,083	6,833
1895	1,023	940	78,293	61,000	15,917	1,633,083	811,750	8,333
1896	1,267	1,163	100,017	73,917	22,167	2,199,250	1,007,167	11,000
1897	1,689	1,501	135,146	93,417	32,250	2,979,417	1,226,000	13,167

<sup>(a)</sup> Compiled from the source stated in footnote on p. 237, *ante*.<sup>(b)</sup> Savings Bank Accounts, Current Accounts and Loans.

## CREDIT ASSOCIATIONS IN HUNGARY.(a)

TABLE 168.—NUMBER, CAPITAL, OUTSTANDING ADVANCES and PROFIT of CO-OPERATIVE CREDIT ASSOCIATIONS of all CLASSES in HUNGARY (including CROATIA-SLAVONIA).

Year.	No. of Societies.		Capital.			Outstand- ing Advances.	Profit (Balance in Capital Account).
	In Exis- tence at End of Year.	To which the Particulars Relate.	Share.	Reserve.	Loan.(b)		
1884	413	413	£ 1,749,250	£ 86,41	£ 1,596,583(c)	£ 3,338,417(c)	£ 121,083
1885	447	447	2,107,667	101,000	1,590,833(c)	3,744,583(c)	129,000
1886	480	480	2,219,500	126,333	1,751,833(c)	3,969,250(c)	140,417
1887	538	538	2,228,000	132,333	1,808,500(c)	4,055,833(c)	140,667
1888	599	599	2,361,667	138,417	2,050,833(c)	4,399,917(c)	147,417
1889	634	634	2,530,667	155,583	2,293,417(c)	4,797,250(c)	175,167
1890	637	637	2,736,833	175,917	2,495,083(c)	5,173,083(c)	190,000
1891	644	644	2,851,917	195,667	2,688,833	5,537,750	193,667
1892	709	709	2,971,917	216,833	3,223,000	6,042,917	203,600
1893	768	726	3,216,667	227,083	3,175,000	6,332,833	271,000
1894	843	810	3,493,167	231,333	3,313,250	6,769,000	304,333
1895	1,028	977	3,836,125	272,000	3,668,417	7,409,708	339,542
1896	1,109	1,069	4,100,125	268,250	3,904,208	7,842,250	347,417
1897	1,253	1,158	4,281,417	311,292	4,019,958	8,150,750	346,208
1898	1,480	1,361	4,709,125	345,000	4,193,875	8,962,951	384,917

(a) Compiled from *Magyar Statisztikai Évkönyv*, published by the Statistical Bureau of the Hungarian Ministry of Commerce. The figures as to Capital, Advances and Profit are approximate only, since the Hungarian statistics give the details in thousands of Kronen.

(b) Includes Savings Bank Accounts, Deposits, Current Accounts, Loans and Advances.

(c) In these years bills rediscounted were placed among Acceptances in Circulation on the debit side, and among Bills in Hand on the credit side of the Assets and Liabilities Account; in subsequent years they have been struck out of both sides of the account.



---

**WORKMEN'S INSURANCE.**

---

6487

Q 2

## WORKMEN'S INSURANCE

## SICKNESS

TABLE 169.—NUMBER of PERSONS INSURED under the GERMAN SICKNESS PERSONS, and RECEIPTS, EXPENDITURE and

—	1889.	1890.	1891.	1892.	1893.	1894.
NUMBER OF PERSONS INSURED.	6,144,199	6,579,539	6,879,931	6,955,049	7,108,804	7,282,609
NUMBER OF CASES OF SICKNESS.	2,040,082	2,422,350	2,397,826	2,478,237	2,794,027	2,492,309
NUMBER OF DAYS OF SICKNESS.	53,428,682	59,176,689	40,796,620	42,756,026	46,199,436	43,686,440
RECEIPTS:—	£	£	£	£	£	£
Contributions of workpeople and employers, and entrance fees.	4,215,094	4,562,030	4,837,881	4,963,894	5,315,310	5,575,482
Other receipts (including capital drawn out).	911,398	1,165,896	1,163,717	1,250,263	1,291,560	1,230,083
Total receipts ..	5,126,492	5,727,916	6,001,598	6,214,157	6,606,870	6,805,565
EXPENDITURE (NOT INCLUDING CAPITAL INVESTED).						
Sick relief:—						
Doctors' fees ..	730,580	839,173	892,986	953,445	1,071,193	1,110,495
Medicine, &c. ..	588,767	709,362	744,703	801,968	884,671	871,345
Sick allowances..	1,833,342	1,994,185	2,092,922	2,197,847	2,268,773	2,129,973
Maintenance in Hospitals, &c.	396,071	659,281	746,828	759,859	853,948	867,610
Total sick relief	3,548,760	4,202,001	4,477,439	4,712,919	5,068,585	4,979,423
Other expenditure	578,892	433,511	463,844	510,529	579,575	597,187
Total expenditure ..	3,927,652	4,635,512	4,941,283	5,223,448	5,648,160	5,576,610
BALANCE OF FUNDS..	Not stated.	Not stated.	Not stated.	Not stated.	4,190,568	4,715,262

(a) Compiled from *Statistisches Jahrbuch für das Deutsche Reich*, published by the German in relation to persons employed in mining and in smelting works at mines. The number of 481,600, 480,400, 478,100, 480,124, 498,946, 523,566, 556,655 and 583,793 respectively. The number Sickness Insurance is, as a rule, borne as to  $\frac{1}{2}$  by the workpeople, as to  $\frac{1}{2}$  by the employers.



## IN THE GERMAN EMPIRE.

C15

## INSURANCE.(a)

INSURANCE LAWS, NUMBER OF CASES and DAYS OF SICKNESS among such  
BALANCES of the SICKNESS INSURANCE FUNDS.

1895.	1896.	1897.	1898.	1899.	
7,525,524	7,944,820	8,337,119	8,770,067	9,155,582	NUMBER OF PERSONS INSURED.
2,703,632	2,763,757	2,964,837	3,002,593	3,478,067	NUMBER OF CASES OF SICKNESS.
46,470,023	47,602,228	51,513,783	53,201,173	60,408,683	NUMBER OF DAYS OF SICKNESS.
£	£	£	£	£	RECEIPTS:—
5,869,951	6,332,810	6,774,336	7,262,030	7,735,570	Contributions of workpeople and employers, and entrance fees.
1,414,275	1,457,682	1,616,167	1,763,101	1,998,539	Other receipts (including capital drawn out).
7,284,226	7,790,492	8,390,503	9,025,131	9,734,109	Total receipts.
					EXPENDITURE (NOT INCLUDING CAPITAL INVESTED).
					Sick relief:—
1,157,065	1,240,662	1,345,712	1,455,393	1,595,908	Doctors' fees.
906,715	945,475	1,034,991	1,100,560	1,228,133	Medicine, &c.
2,267,812	2,323,133	2,586,547	2,719,525	3,177,919	Sick allowances.
909,536	976,869	1,067,146	1,127,389	1,264,252	Maintenance in Hospital, &c.
5,241,118	5,466,139	6,024,396	6,402,867	7,266,212	Total sick relief.
603,068	626,551	672,593	741,704	818,769	Other expenditure.
5,844,286	6,112,690	6,696,989	7,144,571	8,084,981	Total expenditure.
5,261,120	6,068,466	6,672,878	7,368,793	7,617,831	BALANCE OF FUNDS.

Imperial Statistical Office. The table relates to Sickness Insurance *other than that in force* persons insured in the Special Miners' Funds in 1899-00 numbered 404,100, 437,300, 456,100, given in the table as that of persons insured is the average for the year. The cost of

## ACCIDENT INSURANCE

TABLE 170.—NUMBER OF PERSONS INSURED under the GERMAN ACCIDENT  
EXPENDITURE of INSURANCE OFFICES

—	1889.	1890.	1891.	1892.	1893.	1894.
NUMBER OF PERSONS INSURED.	13,574,566	13,619,750	13,015,296	13,014,280	13,118,860	13,191,747
NUMBER OF PERSONS COMPENSATED IN RESPECT OF ACCIDENTS RESULTING IN:—						
Death .. .. .	5,135	5,358	6,346	5,811	6,245	6,250
Total permanent disablement.	2,882	2,681	2,561	2,640	2,487	1,762
Partial permanent disablement.	16,337	22,615	27,788	30,569	36,236	38,952
Temporary disablement.	6,615	10,166	13,812	15,807	16,906	21,723
Total compensated	31,019	41,420	50,507	54,827	61,874	68,677
EXPENDITURE OF INSURANCE OFFICES (b):—	£	£	£	£	£	£
Compensation for accidents.	723,215	1,015,785	1,321,320	1,617,010	1,906,190	2,214,085
Inquiries in relation to compensation, &c.	22,165	33,850	43,640	51,755	60,270	71,305
Arbitration costs ..	17,505	19,570	24,775	26,715	31,690	33,985
Precautionary measures. (c)	16,205	18,425	22,705	23,220	28,475	33,075
General administration.	228,970	243,575	266,670	282,345	302,900	333,650
Credited to reserve fund.	649,355	631,225	655,030	636,990	615,730	518,050
Total expenditure ..	1,657,415	1,962,410	2,334,140	2,638,035	2,947,255	3,204,150
AMOUNT OF RESERVE FUND (b) (AT END OF YEAR).	2,106,750	2,806,545	3,554,920	4,297,435	5,044,585	5,705,895

(a) Compiled from the source stated in the footnote on pp. 243-4, *ante*. The number employed while the establishments, by which they were employed, were working Industrial Census of 1895 and on material at the disposal of the different Insurance counting of about a million and a half persons, and as to the inclusion of between four footnotes (a) and (b) on pp. 247-8, *post*. The accidents entailing compensation under the 13 weeks. The number given as that of the persons compensated in respect of accidents fixed in that year. The entire cost of Accident Insurance is borne by the employers.

(b) The Expenditure and Reserve Fund are stated in approximate figures, being given

(c) Adopted in order to prevent the frequency of accidents.

## (GENERAL SUMMARY).(a)

INSURANCE LAWS, NUMBER OF PERSONS COMPENSATED under such LAWS,  
and AMOUNT OF RESERVE FUND.

1895.	1896.	1897.	1898.	1899.	—
18,389,468	17,665,190	17,947,447	18,246,013	18,804,124	NUMBER OF PERSONS INSURED.
					NUMBER OF PERSONS COMPENSATED IN RE- SPECT OF ACCIDENTS RESULTING IN:—
6,335	6,969	7,287	7,848	7,999	Death.
1,668	1,524	1,452	1,109	1,297	Total permanent disablement.
40,527	44,373	46,489	47,784	51,240	Partial permanent disablement.
25,937	32,366	35,943	40,053	44,275	Temporary disable- ment.
74,467	85,272	91,171	96,774	104,811	Total compensated.
£	£	£	£	£	EXPENDITURE OF INSURANCE OFFICES (b):—
2,506,290	2,857,720	3,196,680	3,555,435	3,934,032	Compensation for accidents.
85,280	96,455	104,350	113,610	125,586	Inquiries in relation to compensation, &c.
39,825	43,890	47,315	48,950	52,740	Arbitration costs.
38,915	51,465	57,210	60,865	60,054	Precautionary mea- sures.(c)
354,585	370,065	390,330	407,930	435,779	General administra- tion.
396,320	249,880	88,415	24,105	19,950	Credited to reserve fund.
3,421,215	3,669,475	3,886,300	4,210,785	4,628,141	Total expenditure.
6,276,910	6,724,605	6,807,075	6,866,230	6,954,923	AMOUNT OF RESERVE FUND (b) (AT END OF YEAR).

given in this table as that of the persons insured is that of the workpeople usually ordinary "full time." This number is approximate only, being based on the Offices; as to certain occupations for which *no numbers could be estimated*, as to the double and five millions of persons engaged on their own account in certain occupations, see German Accident Insurance Laws are those resulting in incapacity lasting more than is, as to each year, that of the persons the amount of the compensation due to whom was in the source in thousands of marks.

## ACCIDENT INSURANCE

TABLE 171.—PART. I, NUMBER OF PERSONS INSURED under the GERMAN ACCIDENT CLASSIFIED

PART I.—NUMBER OF						
Group of Trades.	1889.	1890.	1891.	1892.	1893.	1894.
Building trades:—						
A. Ordinary ..	1,131,459	1,099,512	1,201,082	1,166,158	1,220,552	1,211,524
B. Insured with special institutions.	(b)	(b)	(b)	(b)	(b)	(b)
Mining (including smelting works at mines).	375,410	398,380	421,137	424,440	421,124	426,555
Quarrying .. ..	231,250	251,400	253,250	252,900	227,500	228,900
Metal, engineering and shipbuilding.	699,298	761,500	769,465	774,559	787,996	819,861
Textile trades ..	630,135	647,099	645,663	648,371	663,084	663,298
Clothing trades ..	99,599	107,171	104,748	106,071	109,832	118,617
Railway service ..	263,241	285,006	304,327	284,069	288,638	290,935
Tramways .. ..	34,499	28,220	31,653	31,838	32,840	30,895
Carters, &c. .. .	64,880	64,607	66,367	67,685	66,543	69,175
Seamen .. .. .	40,400	42,546	43,300	43,023	42,155	43,145
Inland navigation ..	53,221	55,175	55,157	54,029	53,113	52,917
Postal and telegraph service.	12,178	12,796	13,981	14,900	16,231	17,164
Agriculture and forestry.	8,277,491(c)	8,297,280	12,508,001(d)	12,511,565	12,512,072	12,509,080
Printing trade ..	59,681	60,404	69,806	74,075	80,250	85,408
Paper-making ..	55,218	57,095	58,489	58,797	60,175	62,062
Paper-working ..	55,882	58,494	60,668	63,632	64,184	73,662
Wood-working trades	201,305	213,913	214,566	216,041	220,269	221,949
Chemical trades ..	91,446	98,391	101,134	103,020	107,036	111,432
Glass trade .. .	50,573	54,113	56,357	65,618	65,066	66,307
Pottery trade ..	55,722	68,263	80,455	69,962	61,535	61,702
Brick and tile making	232,742	272,669	254,102	252,869	266,539	253,899
Corn milling .. .	86,913	86,343	86,439	86,996	86,240	86,390
Food preparation ..	49,622	53,425	58,161	61,205	63,681	67,285
Butchers .. .	67,123	70,617	72,517	76,823	79,552	83,492
Brewers and maltsters	42,361	43,398	41,569	41,843	44,225	44,159
Distilleries .. .	97,151	99,953	99,097	98,670	97,899	101,164
Sugar manufacture ..	98,280	105,496	109,111	107,468	110,642	118,597
Tobacco manufacture	23,212	24,876	26,873	27,960	29,564	29,520
Gas and water works.	45,491	47,339	46,289	47,005	49,409	50,204
Leather trades ..	22,166	22,680	23,557	22,267	22,792	23,595
Musical instruments making.	68,218	75,436	80,348	81,971	84,465	92,384
Warehousing, &c. ..	5,899	5,752	5,804	5,887	5,919	5,945
Chimney sweeps ..	28,371	40,923	33,496	33,524	33,574	33,311
Military stores and works department.	3,279	3,651	3,624	3,712	4,178	3,549
Dredging, &c. .. .	543	431	462	497	521	551
Harbours, &c. ...	20,037(c)	25,486	31,006	35,121	37,638	40,751
Employees of Local Authorities.						
<b>Total ..</b>	<b>13,374,566</b>	<b>13,619,750</b>	<b>18,015,286</b>	<b>18,014,290</b>	<b>18,118,950</b>	<b>18,191,747</b>

(a) Compiled from the source stated in the footnote on pp. 243-4, *ante*. With respect to the class of given in relation to persons insured and persons compensated, see footnote (a) on pp. 245-6, *ante*. It is in agriculture and partly in some other industry. Of the persons stated to be insured in "Agriculture and account."

(b) Cannot be stated.

(d) Increase due to the inclusion for the first time of persons engaged in agriculture or forestry as a

(e) This figure is that obtained by a new census.

## (BY TRADES).(a)

INSURANCE LAWS ; and PART II., NUMBER of PERSONS COMPENSATED under such LAWS,  
by TRADES.

PERSONS INSURED.					
1885.	1886.	1887.	1888.	1889.	Group of Trades.
1,202,877 (b)	1,252,779 (b)	1,298,571 (b)	1,350,269 (b)	1,394,182 (b)	Building trades :— A. Ordinary. B. Insured with special institutions.
430,820	446,342	468,953	486,066	521,352	Mining (including smelt- ing works at mines).
228,000	252,200	330,882	369,257	416,095	Quarrying.
887,044	964,170	1,064,119	1,151,010	1,235,371	Metal, engineering and shipbuilding.
702,881	729,140	729,801	748,541	763,438	Textile trades.
125,246	135,386	149,578	161,786	173,224	Clothing trades.
297,129	301,463	323,587	341,340	350,321	Railway service.
21,637	24,347	28,606	33,017	39,454	Tramways.
72,236	79,366	70,938	76,541	86,282	Carters, &c.
44,085	43,166	45,280	48,648	48,552	Seamen.
56,795	55,906	60,148	59,119	59,770	Inland navigation.
18,012	15,568	18,967	20,874	23,967	Postal and telegraph ser- vice.
12,510,455	11,412,022(c)	11,411,875	11,412,178	11,417,918	Agriculture and forestry.
90,896	100,962	101,125	101,978	110,320	Printing trade.
61,548	63,719	65,645	66,535	67,050	Paper-making.
74,597	77,520	79,948	82,966	91,494	Paper-working.
233,600	251,648	266,947	283,455	300,294	Wood-working trades.
115,713	126,447	131,100	136,704	144,523	Chemical trades.
71,349	82,006	65,186	66,231	69,474	Glass trade.
63,114	68,510	71,106	71,883	74,136	Pottery trade.
276,603	277,641	283,970	280,733	283,303	Brick and tile making.
86,315	86,510	86,571	74,739	73,293	Corn milling.
78,024	74,333	42,555	46,122	48,609	Food preparation.
89,413	91,239	40,634	39,420	40,482	Butchers.
45,506	45,685	95,103	92,965	96,948	Brewers and maltsters.
100,058	100,655	46,948	49,993	50,276	Distilleries.
123,051	130,385	100,738	98,219	97,000	Sugar manufacture.
30,486	32,067	136,063	140,883	140,969	Tobacco manufacture.
		34,848	37,129	42,670	Gas and water works.
53,593	56,637	63,817	61,679	63,226	Leather trades.
26,024	32,072	32,990	33,015	38,457	Musical instruments mak- ing.
94,700	96,851	115,430	120,130	126,260	Warehousing, &c.
5,980	6,023	6,186	6,206	6,225	Chimney sweeps.
30,599	29,666	35,765	37,064	35,144	Military stores and works department.
3,542	3,669	4,276	4,522	4,572	Dredging, &c.
550	542	585	569	664	Harbours, &c.
56,943	60,550	62,968	66,156	66,619	Employees of Local Au- thorities.
18,389,468	17,695,196	17,947,447	18,946,913	18,694,124	Total.

accidents entailing compensation under the German Accident Insurance Laws, and as to the number stated that in the number insured some 1,500,000 persons are counted twice over, being employed partly forestry," a large number (about 4,800,000 in 1889) were persons engaged in these occupations on their own

(c) Brought within the laws at various dates within this year.  
subsidiary occupation.

## ACCIDENT INSURANCE

TABLE 171.—PART I., NUMBER of PERSONS INSURED under the GERMAN  
under such LAWS, CLASSIFIED

PART II.—NUMBER OF PERSONS COMPENSATED						
Death.						
Group of Trades.	1889.	1890.	1891.	1892.	1893.	1894.
Building trades :—						
A. Ordinary ... ..	858	856	844	867	902	850
B. Insured with special institu- tions.	75	89	82	100	91	111
Mining (including smelting works at mines).	816	824	977	880	920	793
Quarrying ... ..	198	204	197	176	187	197
Metal, engineering and shipbuilding	302	371	323	301	342	336
Textile trades ... ..	98	95	83	73	85	69
Clothing trades ... ..	4	6	7	5	8	7
Railway service ... ..	337	410	468	403	418	414
Tramways ... ..	6	5	3	8	13	8
Carters, &c. ... ..	131	147	140	95	148	137
Seamen ... ..	103	91	114	106	94	106
Inland navigation ... ..	111	156	133	91	113	103
Postal and telegraph service...	10	8	5	...	8	10
Agriculture and forestry ... ..	1,431	1,940	2,236	2,107	2,214	2,366
Printing trade... ..	2	7	5	3	6	4
Paper-making ... ..	52	44	44	40	35	53
Paper-working... ..	3	8	3	7	4	12
Wood-working trades... ..	107	113	94	93	98	116
Chemical trades ... ..	79	92	84	78	79	87
Glass trade ... ..	9	14	10	8	7	8
Pottery trade ... ..	9	8	10	7	10	12
Brick and tile making ... ..	87	99	105	92	99	103
Corn milling ... ..	94	99	92	91	96	86
Food preparation ... ..	10	14	15	6	12	20
Butchers ... ..	92	89	97	85	95	87
Brewers and maltsters ... ..	20	35	32	28	32	43
Distilleries ... ..	43	57	57	55	34	48
Sugar manufacture ... ..	3	5	...	...	6	7
Tobacco manufacture... ..	12	15	17	15	12	16
Gas and water works ... ..	21	16	13	12	17	10
Leather trades ... ..	1	1	3	5	3	4
Musical instruments making ... ..	93	111	113	102	115	115
Warehousing, &c. ... ..	5	3	4	...	8	5
Chimney sweeps ... ..	25	5	10	9	7	9
Military stores and works department	8	3	3	6	8	...
Dredging, &c. ... ..	3	1	1	2	3	...
Harbours, &c. ... ..	2	6	4	5	7	9
Employees of Local Authorities ... ..	5,260	6,047	6,428	5,911	6,336	6,361
<b>Total ... ..</b>	<b>5,260</b>	<b>6,047</b>	<b>6,428</b>	<b>5,911</b>	<b>6,336</b>	<b>6,361</b>

(BY TRADES)—*continued*.

ACCIDENT INSURANCE LAWS; and PART II., NUMBER OF PERSONS COMPENSATED  
by TRADES—*continued*.

## IN RESPECT OF ACCIDENTS RESULTING IN

## Death.

1895.	1896.	1897.	1898.	1899.	Group of Trades.
874	1,031	1,025	1,097	1,169	Building trades :—
113	112	129	136	125	A. Ordinary.
					B. Insured with special institu-
915	975	966	1,262	1,064	tions.
171	169	228	252	264	Mining (including smelting works at
401	420	478	535	639	mines).
87	90	102	90	92	Quarrying.
5	6	11	9	12	Metal, engineering and shipbuilding.
376	464	457	517	502	Textile trades.
10	15	15	19	40	Clothing trades.
146	167	172	189	176	Railway service.
158	93	123	104	125	Tramways.
108	180	139	145	158	Carters, &c.
9	3	9	9	5	Seamen.
2,282	2,432	2,542	2,674	2,674	Inland navigation.
6	5	8	8	4	Postal and telegraph service.
49	54	43	49	57	Agriculture and forestry.
7	13	8	8	3	Printing trade.
107	127	132	119	160	Paper-making.
70	92	125	77	91	Paper-working.
9	14	14	13	15	Wood-working trades.
12	10	17	13	15	Chemical trades.
87	95	104	134	154	Glass trade.
76	101	89	92	91	Pottery trade.
12	18	17	11	12	Brick and tile making.
84	89	103	111	97	Corn milling.
31	32	36	39	53	Food preparation.
54	53	66	44	59	Butchers.
...	4	3	4	1	Brewers and maltsters.
27	22	16	18	22	Distilleries.
19	19	28	29	19	Sugar manufacture.
3	2	2	4	3	Tobacco manufacture.
112	144	158	139	174	Gas and water works.
9	7	3	5	7	Leather trades.
2	14	9	5	8	Musical instruments making.
2	9	8	5	7	Warehousing, &c.
3	...	...	...	3	Chimney sweeps.
12	20	20	16	18	Military stores and works department.
					Dredging, &c.
					Harbours, &c.
					Employees of Local Authorities.
6,448	7,101	7,416	7,984	8,124	Total.

## ACCIDENT INSURANCE

TABLE 171.—PART I, NUMBER OF PERSONS INSURED under the GERMAN  
under such LAWS, CLASSIFIED

PART II.—continued.—NUMBER OF PERSONS COMPENSATED.						
Permanent Total						
Group of Trades.	1889.	1890.	1891.	1892.	1893.	1894.
Building trades :—						
A. Ordinary ... ..	593	408	375	321	277	206
B. Insured with special institutions.	26	27	34	24	20	32
Mining (including smelting works at mines).	644	480	335	412	257	122
Quarrying ... ..	67	58	44	23	26	23
Metal, engineering and shipbuilding	317	202	262	202	221	155
Textile trades ... ..	40	37	43	37	35	37
Clothing trades... ..	14	11	5	6	10	2
Railway service ... ..	234	310	279	282	280	278
Tramways ... ..	8	10	7	9	8	3
Carters, &c. ... ..	91	112	23	47	34	30
Seamen ... ..	3	5	11	8	8	12
Inland navigation ... ..	30	12	7	12	22	10
Postal and telegraph service... ..	4	3	6	5	6	...
Agriculture and forestry ... ..	285	481	685	821	792	593
Printing trade ... ..	4	4	2	1	2	3
Paper-making ... ..	17	18	18	20	20	20
Paper-working ... ..	1	86	1	3	2	1
Wood-working trades ... ..	38	47	32	41	38	13
Chemical trades ... ..	94	86	89	83	93	87
Glass trade ... ..	3	7	11	9	3	8
Pottery trade ... ..	13	18	11	18	23	13
Brick and tile making ... ..	92	77	62	59	60	9
Corn milling ... ..	30	30	21	24	23	14
Food preparation ... ..	5	6	5	3	4	4
Butchers ... ..	156	94	110	112	167	44
Brewers and maltsters ... ..	13	8	10	7	10	8
Sugar manufacture ... ..	25	16	46	26	25	18
Tobacco manufacture... ..	6	2	4	1	2	1
Gas and water works ... ..	11	20	23	15	13	3
Leather trades ... ..	8	5	5	4	5	8
Musical instruments making ... ..	1	3	1	3	2	4
Warehousing, &c. ... ..	13	12	15	6	2	5
Chimney sweeps ... ..	1	...	1	2	2	2
Military stores and works department	14	7	10	11	10	10
Dredging, &c. ... ..	3	1	...	1	1	3
Harbours, &c. ... ..	2	...	...	1	...	...
Employees of Local Authorities ... ..	2	5	2	5	4	3
<b>Total... ..</b>	<b>2,908</b>	<b>2,708</b>	<b>2,595</b>	<b>2,664</b>	<b>2,507</b>	<b>1,784</b>



## BY TRADES)—continued.

ACCIDENT INSURANCE LAWS; and PART II., NUMBER OF PERSONS COMPENSATED  
by TRADES—continued.

## IN RESPECT OF ACCIDENTS RESULTING IN

## Disablement.

1895.	1896.	1897.	1898.	1899.	Group of Trades.
223	177	206	165	191	Building trades :—
38	23	55	30	29	A. Ordinary.
					B. Insured with special institu-
92	73	79	61	82	tions.
					Mining (including smelting works at
18	14	18	18	16	mines).
123	85	96	124	77	Quarrying.
30	35	31	20	32	Metal, engineering and shipbuilding.
4	...	...	...	...	Textile trades.
260	225	218	178	212	Clothing trades.
9	8	4	12	8	Railway service.
27	10	10	4	8	Tramways.
20	2	2	2	8	Carters, &c.
7	5	8	4	9	Seamen.
1	2	3	3	4	Inland navigation.
607	671	574	369	470	Postal and telegraph service.
1	1	...	...	...	Agriculture and forestry.
11	9	10	10	14	Printing trade.
1	3	1	3	1	Paper-making.
20	18	7	12	7	Paper-working.
36	37	40	22	28	Wood-working trades.
4	2	1	1	2	Chemical trades.
14	...	3	5	1	Glass trade.
3	12	5	8	5	Pottery trade.
9	12	9	8	7	Brick and tile making.
7	10	5	4	4	Corn milling.
		...	2	...	Food preparation.
74	60	29	30	30	Butchers.
5	4	5	4	9	Brewers and maltsters.
21	7	26	1	17	Distilleries.
2	2	2	1	3	Sugar manufacture.
6	3	6	2	6	Tobacco manufacture.
10	4	11	6	8	Gas and water works.
3	2	...	1	...	Leather trades.
3	9	18	17	24	Musical instruments making.
2	...	1	1	1	Warehousing, &c.
8	9	8	5	9	Chimney sweeps.
2	...	1	...	...	Military stores and works department.
...	...	...	...	...	Dredging, &c.
5	13	15	6	9	Harbours, &c.
					Employees of Local Authorities.
1,706	1,547	1,507	1,139	1,326	Total.

## ACCIDENT INSURANCE

TABLE 171.—PART I., NUMBER OF PERSONS INSURED under the GERMAN  
under such LAWS, CLASSIFIED

PART II.—continued.—NUMBER OF PERSONS COMPENSATED						
Group of Trades.	Permanent Partial, or					
	1889.	1890.	1891.	1892.	1893.	1894.
Building trades :—						
A. Ordinary ...	3,808	5,151	5,316	5,844	6,526	6,775
B. Insured with special institutions.	329	502	586	703	744	799
Mining (including smelting works at mines).	1,703	2,099	2,693	2,940	3,287	3,864
Quarrying ...	725	926	960	961	962	1,099
Metal, engineering and shipbuilding.	3,370	4,278	4,527	4,638	4,846	5,222
Textile trades ...	1,261	1,341	1,563	1,404	1,547	1,740
Clothing trades ...	85	138	163	149	171	235
Railway service ...	908	995	1,206	1,281	1,300	1,326
Tramways ...	35	41	45	46	67	78
Carters, &c. ...	435	412	552	546	730	785
Seamen ...	71	174	186	187	157	206
Inland navigation ...	140	190	209	245	279	308
Postal and telegraph service.	25	17	13	18	20	28
Agriculture and forestry	5,297	10,629	16,997	20,952	25,240	30,385
Printing trade ...	77	104	140	128	131	141
Paper-making ...	295	349	342	360	367	372
Paper-working ...	132	49	139	149	138	191
Wood-working trades...	1,208	1,602	1,606	1,703	1,846	2,091
Chemical trades ...	340	449	469	439	511	572
Glass trade ...	88	114	145	149	113	136
Pottery trade ...	54	76	99	75	73	98
Brick and tile making	337	492	567	546	687	690
Corn milling ...	526	592	680	594	779	743
Food preparation ...	212	249	297	279	350	361
Butchers ...	469	655	720	836	880	896
Brewers and maltsters...	163	174	224	231	244	257
Distilleries ...	256	359	385	333	396	468
Sugar manufacture ...	34	39	44	58	45	50
Tobacco manufacture...	85	79	91	95	120	118
Gas and water works ...	114	150	146	152	159	167
Leather trades ...	39	46	47	39	39	28
Musical instruments making.	543	611	719	729	814	893
Warehousing, &c. ...	12	8	13	17	19	14
Chimney sweeps ...	75	124	213	178	173	191
Military stores and works department.	12	27	27	27	33	39
Dredging, &c. ...	1	...	1	...	...	2
Harbours, &c. ...	17	39	56	48	93	106
Employees of Local Authorities.						
Total ...	23,281	33,283	42,186	47,079	53,886	61,474

## (BY TRADES)—continued.

ACCIDENT INSURANCE LAWS; and PART II., NUMBER OF PERSONS COMPENSATED  
by TRADES—continued.

## IN RESPECT OF ACCIDENTS RESULTING IN

## Temporary Disablement.

1895.	1896.	1897.	1898.	1899.	Group of Trades.
6,682 909	7,928 996	8,113 971	8,884 1,083	9,452 1,071	Building trades:— A. Ordinary. B. Insured with special institutions.
3,889	4,337	4,635	5,000	5,160	Mining (including smelting works at mines).
1,165 5,548	1,149 6,571	1,308 7,486	1,346 8,594	1,622 9,814	Quarrying. Metal, engineering and ship-building.
1,765 248	2,041 294	2,261 284	2,228 382	2,441 405	Textile trades.
1 341	1,494	1,683	1,800	1,963	Clothing trades.
89	129	149	174	252	Railway service.
725	1,039	1,060	1,170	1,217	Tramways.
219	226	272	260	291	Carters, &c.
299	386	380	367	410	Seamen.
27	42	42	43	59	Inland navigation.
					Postal and telegraph service.
35 245	40,780	43,239	45,566	49,007	Agriculture and forestry.
166	200	244	194	234	Printing trade.
409	433	539	538	542	Paper-making.
196	267	262	267	296	Paper-working.
2,249	2,582	2,729	2,990	3,380	Wood-working trades.
635	769	842	861	996	Chemical trades.
163	190	220	241	285	Glass trade.
94	104	146	153	135	Pottery trade.
780	831	976	1,039	1,262	Brick and tile making.
759	836	909	892	950	Corn milling.
419	422	318	271	320	Food preparation.
		318	337	392	Butchers.
873	879	1,010	985	1,066	Brewers and maltsters.
303	323	319	355	391	Distilleries.
401	449	417	417	452	Sugar manufacture.
41	46	52	56	61	Tobacco manufacture.
144	153	157	180	194	Gas and water works.
200	237	253	293	281	Leather trades.
56	65	87	94	118	Musical instruments making.
933	1,157	1,250	1,308	1,563	Warehousing, &c.
17	23	34	28	24	Chimney sweeps.
163	122	173	199	183	Military stores and works department.
25	33	43	38	51	Dredging, &c.
...	3	5	2	1	Harbours, &c.
196	219	227	265	245	Employees of Local Authorities.
67,373	77,755	83,403	88,900	96,586	Total.

## ACCIDENT INSURANCE

TABLE 171.—PART I, NUMBER of PERSONS INSURED under the GERMAN  
under such LAWS, CLASSIFIED.

PART II.—continued.—NUMBER OF PERSONS						
Total.						
Group of Trades.	1889.	1890.	1891.	1892.	1893.	1894.
Building trades:—						
A. Ordinary ...	5,259	6,415	6,535	7,032	7,705	7,831
B. Insured with special institutions.	430	618	702	827	855	942
Mining (including smelting works at mines).	3,163	3,403	4,005	4,182	4,464	4,779
Quarrying ...	990	1,188	1,201	1,160	1,175	1,319
Metal, engineering and shipbuilding.	3,989	4,851	5,112	5,141	5,409	5,713
Textile trades ...	1,399	1,473	1,689	1,514	1,667	1,846
Clothing trades...	103	155	175	160	189	244
Railway service ...	1,479	1,715	1,953	1,966	1,998	2,018
Tramways ...	49	59	55	63	88	89
Carters, &c. ...	657	671	715	688	912	952
Seamen ...	177	270	311	301	259	324
Inland navigation ...	281	358	349	348	414	421
Postal and telegraph service.	39	28	24	23	34	38
Agriculture and forestry	7,013	13,050	19,918	23,880	28,246	33,344
Printing trade ...	83	115	147	132	139	148
Paper-making ...	364	411	404	420	422	445
Paper-working ...	136	143	143	159	144	204
Wood-working trades...	1,353	1,762	1,732	1,837	1,982	2,220
Chemical trades ...	513	627	642	600	683	746
Glass trade ...	100	135	166	166	123	152
Pottery trade ...	76	102	120	100	106	123
Brick and tile making	516	668	734	697	846	802
Corn milling ...	650	721	793	709	898	843
Food preparation ...	227	269	317	288	366	385
Butchers ...						
Brewers and maltsters...	717	838	927	1,033	1,142	1,027
Distilleries ...	196	217	266	266	286	308
Sugar manufacture ...	324	432	488	414	455	534
Tobacco manufacture...	43	46	48	59	53	58
Gas and water works ...	108	114	131	125	145	137
Leather trades ...	143	171	164	168	181	185
Musical instruments making.	41	50	51	47	44	36
Warehousing, &c. ...	649	734	847	837	931	1,013
Chimney sweeps ...	18	11	18	19	29	21
Military stores and works department.	114	136	233	198	190	210
Dredging, &c. ...	23	31	30	34	42	42
Harbours, &c. ...	6	1	2	3	3	2
Employees of Local Authorities.	21	50	62	58	104	118
<b>Total ...</b>	<b>31,449</b>	<b>42,038</b>	<b>51,209</b>	<b>55,654</b>	<b>62,739</b>	<b>69,619</b>

(BY TRADES)—*continued*.ACCIDENT INSURANCE LAWS; and PART II., NUMBER OF PERSONS COMPENSATED  
by TRADES—*continued*.

## COMPENSATED IN RESPECT OF ACCIDENTS.

Total.					
1895.	1896.	1897.	1898.	1899.	Group of Trades.
7,779	9,136	9,344	10,146	10,812	Building trades :—
1,060	1,131	1,155	1,249	1,225	A. Ordinary.
					B. Insured with special institutions.
4,896	5,385	5,670	6,323	6,306	Mining (including smelting works at mines).
1,354	1,332	1,554	1,616	1,902	Quarrying.
6,072	7,076	8,060	9,253	10,530	Metal, engineering and ship-building.
1,882	2,166	2,394	2,338	2,565	Textile trades.
257	300	295	391	417	Clothing trades.
1,977	2,183	2,358	2,495	2,677	Railway service.
108	152	168	203	300	Tramways.
898	1,216	1,242	1,363	1,401	Carters, &c.
397	321	337	366	419	Seamen.
414	571	527	516	577	Inland navigation.
37	47	54	55	63	Postal and telegraph service.
38,134	43,883	46,355	48,609	52,151	Agriculture and forestry.
173	206	252	202	238	Printing trade.
469	496	592	597	613	Paper-making.
204	283	271	278	300	Paper-working.
2,376	2,727	2,868	3,121	3,547	Wood-working trades.
741	898	1,007	960	1,115	Chemical trades.
176	206	235	255	302	Glass trade.
120	114	166	171	151	Pottery trade.
870	938	1,085	1,181	1,421	Brick and tile making.
844	949	1,007	992	1,048	Corn milling.
438	450	340	286	336	Food preparation.
		329	342	398	Butchers.
1,031	1,028	1,142	1,126	1,193	Brewers and maltsters.
339	359	360	398	453	Distilleries.
476	509	509	462	523	Sugar manufacture.
43	52	57	61	65	Tobacco manufacture.
177	178	179	200	222	Gas and water works.
229	260	292	328	308	Leather trades.
62	69	89	99	121	Musical instruments making.
1,048	1,310	1,426	1,464	1,761	Warehousing, &c.
28	30	38	34	32	Chimney sweeps.
173	145	190	209	200	Military stores and works department.
29	42	52	43	58	Dredging, &c.
3	3	5	2	4	Harbours, &c.
213	252	262	287	272	Employees of Local Authorities.
75,527	86,403	92,326	98,023	106,036	Total.

OLD AGE AND INVA-

TABLE 172.—PART I, AMOUNT of PENSIONS and other GRANTS, and AVERAGE INSURANCE LAWS; and PART II., RECEIPTS, EXPENDITURE,

	1891.	1892.	1893.	1894.	1895.
PART I.—TOTAL AMOUNT OF PENSIONS AND OTHER GRANTS					
Insurance					
PENSIONS AND OTHER GRANTS.	£	£	£	£	£
I. Pensions paid :—					
Old age .. .. .	765,335	1,063,580	1,138,165	1,223,720	1,323,620
Invalidity .. .. .	5	67,670	261,145	508,680	776,280
Total Pensions .. ..	765,340	1,121,250	1,402,310	1,732,330	2,105,100
II. Premiums refunded :—					
To women marrying ..	..	..	..	..	7,930
To relatives of insured dying before receipt of pension.	..	..	..	..	3,040
Total Premiums Refunded	..	..	..	..	10,970
Total (I. & II.)	462,850	672,605	839,225	1,039,635	1,275,400
From money contributed by employers and workpeople.	302,400	448,555	563,085	692,745	840,670
From State subvention.	765,340	1,121,250	1,402,310	1,732,330	2,116,070
Total Pensions and other Grants.					
AVERAGE ANNUAL VALUE OF PENSIONS DATING FROM EACH YEAR :—					
Old age .. .. .	Not stated	£ s. d. 8 7 4	£ s. d. 6 9 5	£ s. d. 6 5 7	£ s. d. 6 11 10
Invalidity .. .. .	Not stated	5 14 8	5 18 0	6 1 2	6 4 1
PART II.—RECEIPTS, EXPENDITURE, PROPERTY					
RECEIPTS :—	£	£	£	£	£
Premiums of employers and workpeople.	4,444,350	4,428,530	4,404,610	4,636,525	4,767,595
Interest and rents ..	58,115	167,440	281,645	400,220	519,300
Other receipts .. ..	1,900	9,565	10,535	29,725	48,930
Total Receipts .. ..	4,482,365	4,603,535	4,706,790	5,066,470	5,335,825
EXPENDITURE :—					
On old age pensions ..	452,420	615,940	666,805	718,880	781,540
On invalidity pensions ..	..	35,680	159,880	289,425	419,850
On pensions commuted ..	20	5	50	50	190
On premiums refunded ..	..	..	..	..	10,595
On medical treatment of Invalids.	15	1,590	5,360	18,135	51,385
On current administration.	112,430	182,950	181,340	143,300	160,260
On collection of premiums and auditing.	60,300	73,630	82,100	82,125	90,750
Other expenses.	16,465	23,490	24,740	26,645	33,360
Total Expenditure .. ..	641,650	863,335	1,056,275	1,258,560	1,527,900
PROPERTY AT END OF YEAR	3,837,415	7,564,560	11,360,000	15,215,630	19,063,570
ANNUAL SUMS FOR WHICH OFFICES WERE LIABLE AT END OF YEAR IN RESPECT OF PENSIONS.	Not stated	587,185	730,085	897,730	1,072,300

(a) Compiled from the source stated in the footnote on pp. 243-4, ante. The funds for the purposes besides paying the premiums of workmen during their period of service in the Army or Navy, and course of payment on January 1st, 1901, was 583,809, viz., 184,472 for old age and 405,337 for invalidity, of Section 16 of the Law of July 13th, 1899, under which persons who, though not incapacitated for their incapacity.

(b) The bulk of the insured (e.g. 11,070,000 out of a total of

**LIDITY INSURANCE.(a)**

ANNUAL VALUE of PENSIONS under the GERMAN OLD AGE and INVALIDITY PROPERTY and LIABILITIES of the DISTRICT INSURANCE OFFICES.(b)

1896.	1897.	1898.	1899.	
AND AVERAGE ANNUAL VALUE OF PENSIONS (all Offices).				
£ 1,370,845 1,065,080 <b>2,435,795</b>  72,905 25,885 <b>98,770</b>  1,568,480  955,985 <b>2,524,475</b>  £ s. d. 6 13 5 6 6 8	£ 1,381,215 1,369,315 <b>2,750,530</b>  129,370 40,180 <b>169,550</b>  1,840,240  1,079,840 <b>2,920,080</b>  £ s. d. 6 15 10 6 8 8	£ 1,375,945 1,738,495 <b>3,114,440</b>  173,070 51,815 <b>224,885</b>  2,127,540  1,211,785 <b>3,339,325</b>  £ s. d. 6 18 0 6 10 10	£ 1,344,275 2,141,595 <b>3,485,870</b>  205,155 67,180 <b>272,335</b>  2,411,530  1,346,675 <b>3,758,205</b>  £ s. d. 7 1 7 6 11 7	PENSIONS AND OTHER GRANTS. I. Pensions paid:— Old age. Invalidity. <b>Total Pensions.</b>  II. Premiums refunded:— To women marrying. To relatives of insured dying before receipt of pension. <b>Total Premiums Refunded.</b>  From money contributed by employers and workpeople.    } <b>Total</b> From State sub- } <b>(I. &amp; II.)</b> vention. <b>Total Pensions and other</b> <b>Grants.</b>  AVERAGE ANNUAL VALUE OF PENSIONS DATING FROM EACH YEAR:— Old age. Invalidity.
AND LIABILITIES (District Insurance Offices).(b)				
£ 5,076,320 640,850 9,670 <b>5,726,840</b>  809,365 570,405 75 86,250 58,200 169,400 102,965 36,250 <b>1,550,870</b>  23,031,945 1,253,885	£ 5,233,325 749,255 11,395 <b>5,993,975</b>  814,990 753,580 145 164,900 91,365 180,580 109,815 40,650 <b>2,156,925</b>  26,948,225 1,447,140	£ 5,469,350 880,835 11,730 <b>6,341,915</b>  817,310 970,370 255 319,355 123,010 201,530 116,890 43,555 <b>2,492,275</b>  30,905,280 1,680,970	£ 5,915,190 967,955 12,460 <b>6,895,605</b>  799,030 1,203,710 406 85,683 165,725 217,845 128,650 48,140 <b>2,840,100</b>  35,076,628 1,881,585	RECEIPTS:— Premiums of employers and workpeople. Interest and rents. Other receipts. <b>Total Receipts.</b>  EXPENDITURE:— On old age pensions. On invalidity pensions. On pensions commuted. On premiums refunded. On medical treatment of invalids. On current administra- tion. On collection of pre- miums and auditing. Other expenses. <b>Total Expenditure.</b>  PROPERTY AT END OF YEAR.  ANNUAL SUMS FOR WHICH OFFICES WERE LIABLE AT END OF YEAR IN RESPECT OF PENSIONS.

of these Laws are contributed (I.) by the State, which pays £2 10s. 0d. yearly to each pensioner, (II.) by the employers and workpeople in equal shares. The number of permanent pensions in force on that date 5,118 "Sick Pensions" granted since January 1st, 1900, by virtue of life, have been so situated for 26 weeks, are accorded invalidity benefits for the remaining duration of

11,585,000 in 1896) belong to the District Insurance Offices.

## WORKMEN'S INSURANCE

## MINERS' ACCIDENT, SICKNESS, INVALIDITY

TABLE 173.—NUMBER OF PERSONS INSURED AGAINST ACCIDENTS, SICKNESS, INVALIDITY  
LIABILITIES AND PROPERTY

—	1885.	1886.	1887.	1888.	1889.	1890.	1891.	1892.†
NUMBER OF WORK- PEOPLE EMPLOYED IN AND ABOUT MINES AFFILIATED TO THE FUNDS.	101,855	100,360	100,865	104,105	110,065	117,396	117,285	116,420
RECEIPTS OF FUNDS:—	£	£	£	£	£	£	£	£
Deductions from wages of workmen.	10,335	9,766	10,011	11,001	13,361	18,428	16,586	8,809
Contributions by em- ployers.	43,378	41,728	46,219	49,499	55,064	73,247	79,593	86,203
Grants by the State ..	• 1,799	1,774	1,782	1,786	1,779	1,791	1,772	1,806
Grants by Provincial Authorities.	392	392	392	392	392	392	392	392
Other receipts .. ..	11,314	16,246	12,426	15,854	10,873	11,105	10,300	11,529
Total Receipts ..	67,218	69,906	70,839	78,532	81,389	104,963	108,643	108,541
EXPENDITURE OF FUNDS:—								
Pensions .. ..	56,049	53,687	55,280	55,983	56,968	59,101	60,168	63,108
Allowances .. ..	17,894	18,344	20,441	21,223	21,815	21,807	23,134	23,930
Cost of administration and other expenses.	1,977	1,904	2,190	1,746	1,792	1,704	2,305	1,745
Total Expenditure	75,720	73,935	77,911	78,952	80,475	82,612	85,607	88,783
ESTIMATED ANNUAL LIABILITY OF FUNDS (as at next January 1st).	68,663	70,778	73,264	74,629	78,527	81,720	81,063	87,214
ESTIMATED PROPERTY OF FUNDS (as at next January 1st).	247,438	243,410	256,341	236,627	237,441	259,792	262,844	302,802

(a) Compiled from *Annuaire Statistique de la Belgique*, published by the Belgian Ministry of the Interior the terms of the concession in each case granted by the State to the mine-owner. The cost of the the required insurance is effected, accident benefits, however, being provided by all the Funds. In the

1893.

—	Central Fund.	Char- leroi Fund.	Liège Fund.	Luxem- burg Fund.	Mons Fund.	Namur Fund.	All Funds together.
Number of workpeople employed in and about mines affiliated to the Funds.	17,051	43,535	30,899	842	28,054	2,879	123,220
Receipts of Funds:—	£	£	£	£	£	£	£
Deductions from wages of workmen.	9,388	..	..	245	..	..	9,633
Contributions by employers ..	9,387	29,340	27,774	245	32,802	1,768	101,306
Grants by the State .. ..	284	541	449	10	457	39	1,780
Grants by Provincial Authorities	57	88	..	3	109	22	279
Other receipts .. ..	1,861	1,795	3,297	39	4,801	296	12,061
Total Receipts .. ..	20,977	31,764	31,499	542	38,149	2,117	125,939
Expenditure of Funds:—							
Pensions .. ..	19,740	17,440	10,935	394	30,639	1,202	80,350
Allowances .. ..	..	11,480	18,064	26	..	1,060	30,670
Cost of administration and other expenses.	185	576	360	19	609	80	1,829
Total Expenditure .. ..	19,925	29,476	29,359	439	31,248	2,272	112,840
Estimated Liability of Funds (as at next January 1st).	19,974	28,575	29,063	412	30,309	2,353	110,716
Estimated property of Funds (as at next January 1st).	61,923	56,125	89,312	1,337	128,446	9,449	346,592



IN BELGIUM,  
AND OLD AGE INSURANCE. (a)

and OLD AGE with the MINERS' RELIEF FUNDS in BELGIUM, and RECEIPTS, EXPENDITURE, of such FUNDS.

1893.	1894.	1895.	1896.	1897.	1898.	1899.	—
114,897	117,359	119,063	120,044	118,460	123,220	123,131	NUMBER OF WORKPEOPLE EMPLOYED IN AND ABOUT MINES AFFILIATED TO THE FUNDS.
£	£	£	£	£	£	£	
7,758	8,356	8,565	8,680	8,899	9,633	10,344	RECEIPTS OF FUNDS:—
79,414	84,473	86,538	88,728	92,592	101,306	108,691	Deductions from wages of workmen.
1,898	1,799	1,810	1,798	1,777	1,760	1,778	Contributions by employers.
391	390	268	287	307	279	271	Grants by the State.
11,571	12,002	11,999	11,846	11,881	12,081	12,152	Grants by Provincial Authorities.
							Other receipts.
100,942	106,926	109,186	111,097	115,256	125,039	133,236	Total Receipts.
							EXPENDITURE OF FUNDS:—
68,128	70,240	73,636	76,483	78,614	80,350	81,309	Pensions.
24,850	25,208	26,895	27,384	29,883	30,670	31,804	Allowances.
1,874	2,123	2,065	1,767	1,559	1,829	1,918	Cost of administration and other expenses.
94,852	97,571	102,596	106,134	110,336	112,849	115,191	Total Expenditure.
90,673	95,809	99,671	103,714	107,975	110,718	112,797	ESTIMATED ANNUAL LIABILITY OF FUNDS (as at next January 1st).
308,092	317,972	324,557	329,482	334,401	340,592	364,645	ESTIMATED PROPERTY OF FUNDS (as at next January 1st).

and Public Instruction. The obligation to insure with the Funds referred to in the table is imposed by insurance falls differently, and the benefits granted are different, in each of the six Funds, by means of which table below, the details are given for 1898 and 1899 separately for the different Funds.

1899.

	Central Fund.	Charleroi Fund.	Liège Fund.	Luxemburg Fund.	Mons Fund.	Namur Fund.	All Funds together.
Number of workpeople employed in and about mines affiliated to the Funds.	17,246	43,081	31,294	860	27,776	2,925	123,131
Receipts of Funds:—							
Deductions from wages of workmen.	£ 10,090	£ ..	£ ..	£ 254	£ ..	£ ..	£ 10,344
Contributions by employers ..	10,091	32,121	29,605	254	34,646	1,974	108,691
Grants by the State .. ..	283	543	458	9	445	40	1,778
Grants by Provincial Authorities ..	66	86	..	1	106	23	271
Other receipts .. ..	1,897	1,882	3,260	65	4,769	299	12,152
Total Receipts .. ..	22,417	34,633	33,313	533	39,946	2,825	133,236
Expenditure of Funds:—							
Pensions .. ..	20,397	17,804	10,985	390	30,731	1,203	81,309
Allowances .. ..	..	11,946	18,836	35	..	1,105	31,804
Cost of administration and other expenses.	189	597	399	20	656	87	1,918
Total Expenditure .. ..	20,586	30,199	30,100	435	31,337	2,394	115,191
Estimated annual liability of Funds (as at next January 1st).	20,413	29,300	29,948	430	30,372	2,335	112,797
Estimated property of Funds (as at next January 1st).	63,764	60,068	92,435	1,485	137,035	9,378	364,645

## SEAMEN'S ACCIDENT, SICKNESS AND OLD AGE INSURANCE.(a)

TABLE 174.—NUMBER of PERSONS paying CONTRIBUTIONS to, and NUMBER of PERSONS drawing PENSIONS from, the SEAMEN'S ACCIDENT, SICKNESS and OLD AGE INSURANCE FUND in BELGIUM, and RECEIPTS, EXPENDITURE and PROPERTY of such FUND.

Year.	NUMBER OF CONTRIBUTORS AND PENSIONERS (AT END OF YEAR).				
	Number of Persons Paying Contributions to Fund.	Number of Persons drawing Pensions.			
		Officers and Seamen.	Widows.	Orphans.	Total.
1885	2,652	46	181	16	243
1886	3,238	50	180	13	243
1897	3,508	48	173	14	235
1898	3,289	50	178	13	241
1899	3,466	49	180	12	241

RECEIPTS, EXPENDITURE AND PROPERTY OF FUND.		
Receipts of Fund (including Cash in Hand at commencement of Year).	Expenditure of Fund (including Sums Expended in Purchase of Securities).	Property of Fund at end of Year.
£	£	£
1895 7,078	6,251	44,117
1896 6,705	6,156	45,889
1897 7,188	5,945	48,128
1898 7,578	6,853	50,231
1899 7,295	6,792	52,582

(a) Compiled from *Institutions de Prévoyance : Belgique*, by L. Duboisdeghien, a volume published in connection with the Paris Exhibition of 1900. The Fund referred to in the table is maintained by deductions from the wages of seamen at the rate of 4 per cent. for captains, mates and chief engineers, and 3 per cent. for other seamen, by payments required to be made by shipowners at the rate of 15 per cent. on their wages-bills, by donations and legacies, and by grants and subventions from the Government, together with certain fines authorised to be exacted from seamen and with interest accruing on investments belonging to the Fund. The accounts for 1899 show total receipts of year, £28,570 (made up of contributions deducted from seamen's wages, £23,063; payments by shipowners, £1,396; extraordinary receipts, £141; interest on investments, £1,909; and sundry receipts, £2), and total expenditure, £14,206 (made up of pensions paid, £3,481; cost of sick and other allowances, medical attendance and funeral benefits, £208; sundry expenses, £257). The property of the Fund at the end of 1899 consisted of investments (at cost), £52,079, and cash in hand, £503.

## WORKMEN'S INSURANCE IN FRANCE.

## MINERS' SICKNESS AND INVALIDITY INSURANCE.(a)

TABLE 175.—NUMBER of PERSONS INSURED against SICKNESS and INVALIDITY with the MINERS' RELIEF FUNDS in FRANCE, NUMBER of CASES and DAYS of SICKNESS, and NUMBER of CASES of DEATH among such PERSONS; and RECEIPTS, EXPENDITURE and RESERVES of such FUNDS.

	1896.	1897.	1898.	1899.
<b>NUMBER OF MEMBERS OF FUNDS:—</b>				
Workpeople ... ..	Not stated	Not stated	158,572	164,710
Officials, &c. ... ..	Not stated	Not stated	5,862	5,964
<b>Total Members ...</b>	<b>154,696</b>	<b>158,770</b>	<b>164,434</b>	<b>170,674</b>
<b>NUMBER OF CASES OF SICKNESS (b)</b>	<b>103,981</b>	<b>113,721</b>	<b>122,049</b>	<b>123,592</b>
" <b>DAYS " (b)</b>	<b>1,543,874</b>	<b>1,631,221</b>	<b>1,749,220</b>	<b>1,817,927</b>
<b>CASES OF DEATH:—</b>				
From accident ... ..	184	189	187	219
" other causes ... ..	1,208	1,176	1,539	1,462
<b>Total Deaths ...</b>	<b>1,392</b>	<b>1,365</b>	<b>1,526</b>	<b>1,681</b>
<b>RECEIPTS OF FUNDS:—</b>	<b>£</b>	<b>£</b>	<b>£</b>	<b>£</b>
Deductions from wages ...	113,030	124,015	129,874	133,120
Contributions of employers...	59,145	62,107	66,153	69,596
Subventions from State ...	...	16	118	57
Fines ... ..	12,060	12,511	13,223	14,047
Interest on investments ...	839	1,137	1,506	2,659
Taken from Reserve Funds...	585	1,790	4,032	4,015
Sundry receipts (including donations).	4,398	4,297	4,96	4,175
<b>Total Receipts ...</b>	<b>195,057</b>	<b>205,873</b>	<b>218,252</b>	<b>232,669</b>

(a) Compiled from *Statistique de l'Industrie Minière*, published by the French Ministry of Public Works. The necessary resources of the Funds referred to in the table are supplied (1) by deductions from the wages of the workpeople (not to exceed 2 per cent. on wages, nor 48 francs £1 18s. 5d.—per annum), (2) by contributions of mine-owners, equivalent to one-half of these deductions from wages, (3) by subventions from the State, (4) by donations and legacies, and (5) by fines exacted from workpeople. In addition to this system of insurance against sickness and invalidity, there exists in France a system of Miners' Old Age Insurance, the means requisite for carrying out which are supplied by the employers and workpeople equally, deductions being for this purpose made from wages at the rate of 2 per cent.; statistics in relation to this branch of insurance cannot be given.

(b) The number of days of sickness, in respect of which sick allowances were paid, was 1,466,048 in 1896, 1,547,770 in 1897, 1,646,330 in 1898 and 1,706,837 in 1899. Some of the Funds do not pay for every day of an illness. With respect to the distribution of cases and days of sickness among different classes of workpeople, insured with certain of the Funds which make returns on this point, the following details are available:—

NUMBER of CASES and DAYS of SICKNESS among different Classes of Workpeople, and Number of Workpeople Insured with Funds making returns.

Class of Workpeople.	1896.	1897.	1898.	1899.
<b>Men employed underground:—</b>				
Number insured .. ..	63,916	75,528	87,332	97,929
Cases of sickness .. ..	45,579	58,067	64,845	74,314
Days " " .. ..	630,607	798,810	962,321	1,115,069
<b>Men employed at surface:—</b>				
Number insured .. ..	26,598	31,230	35,113	37,385
Cases of sickness .. ..	11,018	14,154	16,095	18,531
Days " " .. ..	201,736	267,193	303,436	312,283
<b>Women employed at surface:—</b>				
Number insured .. ..	4,205	5,006	5,796	5,953
Cases of sickness .. ..	3,047	3,453	3,955	4,276
Days " " .. ..	62,647	69,192	74,667	82,148

MINERS' SICKNESS AND INVALIDITY INSURANCE—*continued.*TABLE 175.—NUMBER of PERSONS INSURED against SICKNESS and INVALIDITY with the MINERS' RELIEF FUNDS in FRANCE, NUMBER of CASES and DAYS of SICKNESS, and NUMBER of CASES of DEATH among such PERSONS; and RECEIPTS, EXPENDITURE and RESERVES of such FUNDS—*continued.*

	EXPENDITURE OF FUNDS, AND MEMBERSHIP OF FUNDS BY WHICH EXPENDITURE WAS INCURRED.							
	1896.		1897.		1898.		1899.	
	Amount Ex-pended.	Member-ship of Funds by which Expendi-ture was incurred.	Amount Ex-pended.	Member-ship of Funds by which Expendi-ture was incurred.	Amount Ex-pended.	Member-ship of Funds by which Expendi-ture was incurred.	Amount Ex-pended.	Member-ship of Funds by which Expendi-ture was incurred.
Doctors' fees .. ..	£ 22,061	129,296	£ 23,640	132,619	£ 24,379	137,695	£ 25,883	151,867
Medicines .. ..	48,448	135,442	53,044	141,820	58,106	147,099	64,252	180,006
Cost of hospital treat-ment.	1,117	95,861	1,427	100,722	1,784	108,770	1,742	118,069
Ordinary sick allow-ances to members.	78,033	154,515	81,839	153,706	87,597	164,155	91,449	170,236
Cost of funerals ..	3,226	148,284	3,206	153,497	3,693	154,597	4,167	168,905
Payments to National Pension Fund.	1,995	129,647	2,682	148,556	2,643	157,696	3,089	165,277
Supplementary al-lowances in sick-ness.	3,831	121,479	4,173	121,577	4,496	132,432	5,006	142,710
Allowances in inva-lidity.	1,546	48,976	2,256	62,027	2,354	65,624	2,770	69,782
Allowances to widows and orphans.	2,226	92,199	3,386	112,210	4,631	125,565	5,290	129,533
Allowances to fami-lies of men serving (as reservists, &c.) with colours.	4,221	96,744	4,154	103,931	4,919	110,922	4,258	114,789
Sundry allowances ..	1,897	72,294	2,396	80,697	2,861	92,913	3,245	114,880
General expenses of administration and law costs.	3,438	143,546	3,711	147,690	3,216	154,293	3,243	156,137
Attendance fees of governing boards.	803	103,997	862	110,941	886	116,873	903	121,647
Payments to execu-tive committees and visitors of sick.	1,158	68,102	1,316	80,266	1,440	83,457	1,594	92,775
<b>Total Expenditure</b>	<b>174,092</b>	<b>..</b>	<b>187,691</b>	<b>..</b>	<b>203,695</b>	<b>..</b>	<b>216,821</b>	<b>..</b>
<b>TOTAL RESERVES OF FUNDS AT END OF YEAR.</b>								
1896.	1897.		1898.		1899.			
£ 53,255	£ 70,289		£ 83,188		£ 94,737			

## SEAMEN'S OLD AGE INSURANCE.(a)

TABLE 176.—NUMBER of PERSONS in RECEIPT of PENSIONS from the SEAMEN'S SUPERANNUATION FUND in FRANCE, TOTAL AMOUNT of PENSIONS paid by that FUND, and AVERAGE ANNUAL VALUE of a PENSION.

Year.	Seamen.	Widows and Orphans.	Total.
	NUMBER OF PENSIONERS DURING YEAR.		
1881	21,657	11,609	33,266
1886	24,534	13,282	37,816
1891	26,697	14,822	41,519
1896	28,353	16,833	45,236
1897	28,837	17,251	46,088
	TOTAL AMOUNT OF PENSIONS PAID.		
1881	£ 226,164	£ 55,059	£ 281,223
1886	£ 327,284	£ 90,878	£ 418,162
1891	£ 380,871	£ 120,291	£ 501,162
1896	£ 426,116	£ 150,533	£ 576,649
1897	£ 434,016	£ 155,920	£ 589,936
	AVERAGE ANNUAL VALUE OF A PENSION.		
1881	£ 10 s. 8 d.	£ 4 s. 14 d.	£ 8 s. 9 d.
1886	£ 13 s. 6 d.	£ 6 s. 16 d.	£ 11 s. 1 d.
1891	£ 14 s. 5 d.	£ 8 s. 2 d.	£ 12 s. 1 d.
1896	£ 15 s. 0 d.	£ 8 s. 18 d.	£ 12 s. 14 d.
1897	£ 15 s. 1 d.	£ 9 s. 0 d.	£ 12 s. 16 d.

(a) Compiled from *Provision for Old Age by Government Action in certain European Countries*, C. 9414 of 1899, published by the Labour Department of the Board of Trade. The bulk of the revenues of the Fund referred to in the table are composed of (i) sums deducted from the wages of seamen, (ii) dividends on investments belonging to the Fund, and (iii) an annual subvention from the Government. The deduction from wages is (speaking generally) at the rate of 3 per cent., and the total sum thus obtained amounts to about £78,000 per year; the Government grant is about £440,000 a year.

## WORKMEN'S INSURANCE

## SICKNESS INSURANCE

TABLE 177.—NUMBER OF PERSONS INSURED under the AUSTRIAN SICKNESS  
PERSONS, and RECEIPTS and EXPENDITURE

—	1889.	1890.	1891.	1892.	1893.
NUMBER OF PERSONS INSURED.	1,310,379	1,534,512	1,592,820	1,663,739	1,746,417
NUMBER OF CASES OF SICKNESS.	353,118	797,683	750,221	819,738	900,342
NUMBER OF DAYS OF SICKNESS.	4,723,710	12,409,327	12,754,508	13,999,285	15,089,873
RECEIPTS:—	£	£	£	£	£
Contributions of work-people.	322,336	667,482	725,647	771,966	821,011
Contributions of employers	115,644	290,007	313,539	331,165	354,065
Interest and gain on sale of securities.	9,283	16,393	21,142	27,937	26,799
Other receipts (entrance fees and fines).	14,948	58,097	50,702	45,049	53,338
Total Receipts .. ..	461,999	1,029,979	1,111,030	1,176,117	1,255,213
EXPENDITURE:—					
Sick allowances (including allowances after child-birth).	312,331	512,009	517,068	556,875	597,967
Salaries of doctors and attendants, &c.	54,137	150,002	161,481	175,019	186,295
Cost of medicine, &c. ..	42,863	114,544	114,999	127,987	137,155
Cost of hospital treatment and expenses of removing patients.	10,614	37,027	49,159	57,781	64,432
Funeral expenses .. ..	12,515	27,813	29,659	30,809	33,401
Contributions to district federation reserve funds.	769	3,617	3,391	3,964	3,416
Cost of administration ..	39,437	74,381	80,992	85,705	91,511
Loss on sale of securities	22	316	275	166	963
Other expenses .. ..	5,306	24,902	25,159	27,644	40,918
Total Expenditure .. ..	378,954	945,661	992,133	1,075,973	1,155,446

(a) Compiled from *Oesterreichisches Statistisches Handbuch*, published by the Austrian *Krankheitsstatistik der nach dem Gesetze vom 30. März 1888 (R. G. Bl., Nr. 33), betreffend die* the Austrian Ministry of the Interior. The table relates to Sickness Insurance other than as to which see Tables 180 and 181, *post*, pp. 281-5. The number given as that of the persons Insurance is borne as to  $\frac{2}{3}$  by the workpeople, as to  $\frac{1}{3}$  by the employers.

## IN AUSTRIA-HUNGARY.

## IN AUSTRIA.(a)

INSURANCE LAWS, NUMBER OF CASES and DAYS of SICKNESS among such of the SICKNESS INSURANCE FUNDS.

1894.	1895.	1896.	1897.	1898.	—
1,870,942	1,946,073	2,062,961	2,148,071	2,211,805	NUMBER OF PERSONS INSURED.
879,307	1,013,569	1,046,309	1,158,388	1,178,552	NUMBER OF CASES OF SICKNESS.
15,629,256	17,516,981	18,360,822	20,015,380	20,477,265	NUMBER OF DAYS OF SICKNESS.
£	£	£	£	£	RECEIPTS:—
881,984	956,840	1,026,736	1,068,800	1,160,933	Contributions of work-people.
378,127	413,738	460,024	483,689	518,111	Contributions of employers.
35,407	33,425	41,898	43,820	45,639	Interest and gain on sale of securities.
53,842	58,014	66,526	67,235	68,341	Other receipts (entrance fees and fines).
<b>1,349,450</b>	<b>1,462,017</b>	<b>1,595,183</b>	<b>1,663,795</b>	<b>1,793,024</b>	<b>Total Receipts.</b>
					EXPENDITURE:—
610,860	708,242	751,271	836,728	873,342	Sick allowances (including allowances after child-birth).
183,442	214,431	229,620	240,037	265,449	Salaries of doctors and attendants, &c.
141,963	153,597	167,869	182,091	188,652	Cost of medicine, &c.
70,276	73,280	82,646	89,676	95,711	Cost of hospital treatment and expenses of removing patients.
35,700	37,741	39,590	40,927	42,028	Funeral expenses.
3,565	3,836	3,365	2,376	3,083	Contributions to district federation reserve funds.
97,914	106,074	114,912	122,796	131,094	Cost of administration.
44	2,123	82	738	2,096	Loss on sale of securities.
46,503	49,034	59,581	62,617	72,236	Other expenses.
<b>1,995,287</b>	<b>1,848,368</b>	<b>1,448,946</b>	<b>1,583,986</b>	<b>1,673,831</b>	<b>Total Expenditure.</b>

Central Statistical Commission, and (as to 1898) from *Die Gebarung und die Ergebnisse der Krankenversicherung der Arbeiter eingerichteten Krankenkassen im Jahre 1898*, published by that in force in relation to persons employed in mining and in smelting works at mines, insured is, as to each year, the number at the end of that year. The cost of Sickness

## WORKMEN'S INSURANCE

## ACCIDENT INSURANCE IN

TABLE 178.—NUMBER of PERSONS INSURED under the AUSTRIAN ACCIDENT COMPENSATION, RECEIPTS and Ex-

	1890.	1891.	1892.	1893.	1894.
NUMBER OF PERSONS INSURED.	1,231,818	1,369,763	1,399,881	1,466,270	1,596,404
NUMBER OF PERSONS WHO MET WITH ACCIDENTS RESULTING IN—					
Death .. .. .	548	535	574	649	670
Permanent disablement ..	1,593	2,151	2,530	3,244	3,701
Temporary disablement ..	4,800	6,068	6,318	7,008	8,181
Total Accidents ..	6,741	8,754	9,422	10,901	12,552
RECEIPTS OF INSURANCE OFFICES:—	£	£	£	£	£
Balance brought forward from preceding year.	..	234,217	409,168	739,390	1,061,737
Contributions of employers and workpeople.	315,438	318,680	355,888	379,985	399,212
Sums on capital account (to cover liabilities) received from certain Insurance Funds.	1,530	6,308	12,022	9,833	15,272
Sums received on account of compensation due (under re-insurance) from private Insurance Offices.	291	121	46	117	..
Interest .. .. .	2,374	10,959	20,526	30,724	40,446
Fines .. .. .	1,064	1,178	1,853	1,338	1,925
Gain on sale of securities	513	1,025	3,600	605	13,511
Sundry receipts .. ..	6	183	6,634	15,380	6,203
Balance to debt of Offices (exclusive of Balance brought forward from previous years).	..	9,372	21,851	51,595	82,578
Total Receipts ..	321,236	522,943	596,596	1,229,457	1,616,894

(a) Compiled from *Oesterreichisches Statistisches Handbuch* (see the footnote on pp. 265-6, ante) *Unfallversicherung der Arbeiter*, issued by the Austrian Ministry of the Interior. The table employed in mining and in smelting works at mines, as to which see Tables 180 and 181, average for that year. The accidents entailing compensation under the Austrian The cost of Accident Insurance is borne as to  $\frac{1}{10}$  by the employers, as to  $\frac{1}{10}$  by the



## IN AUSTRIA-HUNGARY.

## AUSTRIA (GENERAL SUMMARY).(a)

INSURANCE LAWS, NUMBER of PERSONS who met with ACCIDENTS entailing  
PENDITURE of INSURANCE OFFICES.

1895.	1896.	1897.	1898.	—
1,877,194	1,974,844	2,077,473	2,220,112	NUMBER OF PERSONS INSURED.
835	929	929	978	NUMBER OF PERSONS WHO MET WITH ACCIDENTS RESULTING IN— Death.
4,924	5,399	5,046	5,284	Permanent disablement.
10,636	12,216	13,686	14,720	Temporary disablement.
16,395	18,544	19,661	20,982	Total Accidents.
£	£	£	£	RECEIPTS OF INSURANCE OFFICES:—
1,418,156	1,862,927	2,514,735	3,020,684	Balance brought forward from preceding year.
575,086	620,776	718,136	851,275	Contributions of employers and workpeople.
599	940	420	912	Sums on capital account (to cover liabilities) received from certain Insurance Funds.
15	2	35	10	Sums received on account of compensation due (under re-insurance) from private Insurance Offices.
48,848	61,736	76,291	91,354	Interest.
1,553	1,502	1,584	1,866	Fines.
886	11,789	2,209	25	Gain on sale of securities.
3,170	1,002	633	933	Sundry receipts.
83,686	286,515	125,212	55,933	Balance to debit of Offices (exclusive of Balance brought forward from previous years).
2,181,969	2,556,169	2,439,315	2,922,991	Total Receipts.

and (as to 1898) from *Ämtliche Nachrichten des k.k. Ministeriums des Innern, betreffend die Verhältnisse der Unfallversicherung*, pp. 281-3. The number given as that of the persons insured is, as to each year, the number of persons insured under the Accident Insurance Laws are those entailing incapacity lasting more than 4 weeks.

## ACCIDENT INSURANCE IN AUSTRIA

TABLE 178.—NUMBER of PERSONS INSURED under the AUSTRIAN ACCIDENT COMPENSATION, RECEIPTS and EXPENDITURE

	1890.	1891.	1892.	1893.	1894.
EXPENDITURE OF INSURANCE OFFICES:—	£	£	£	£	£
Compensation for Accidents.	17,133	48,849	73,968	104,071	140,933
To credit of Capital Account to satisfy Current Liabilities.	213,478	476,067	751,685	1,068,165	1,397,109
Paid to Private Insurance Offices for Re-Insurance, &c.	3,932	167	130	109	22
Cost of Inquiries in relation to Accidents.	1,765	2,885	4,053	5,469	7,154
Capital repaid to State Railway Insurance Office.	..	..	..	..	236
Arbitration Costs .. ..	27	236	484	1,009	1,535
Contributions of Insurance Offices to cost of Government Factory Inspection.	1,645	1,490	1,492	1,492	1,492
General Expenses of Administration.	27,167(a)	31,538	36,201	41,003	46,394
Written off .. ..	1,052	1,877	1,545	4,207	2,642
Loss on Sale of Securities	239	465	..	607	..
Grant to Industrial Hygiene Museum (for Promotion of Prevention of Accidents).	408	214	327	250	148
Pension Fund (for Employees of Insurance Offices).	1,517	3,180	3,117	1,902	1,772
Credited to Fund for covering loss on sale of securities.	..	1,025	7,797	567	10,519
Balance to credit of Offices (exclusive of Balance brought forward from previous Years).	47,873	14,060	15,824	5,716	928
Total Expenditure ..	321,226	592,643	896,598	1,229,457	1,610,284

(a) Includes £2,487, initial expenditure on establishment of Offices.

## (GENERAL SUMMARY)—continued.

INSURANCE LAWS, NUMBER of PERSONS who met with ACCIDENTS entailing of INSURANCE OFFICES—continued.

1895.	1896.	1897.	1898.	—
£	£	£	£	EXPENDITURE OF INSURANCE OFFICES:—
188,276	262,785	327,882	390,415	Compensation for Accidents.
1,833,606	2,474,817	2,978,223	3,487,767	To Credit of Capital Account to satisfy Current Liabilities.
173	40	30	43	Paid to Private Insurance Offices for Re-insurance, &c.
9,198	10,881	13,006	14,060	Cost of Inquiries in relation to Accidents.
42	159	..	59	Capital repaid to State Railway Insurance Office.
2,121	2,967	3,476	4,743	Arbitration Costs.
1,492	1,492	1,283	1,492	Contributions of Insurance Offices to cost of Government Factory Inspection.
49,987	52,503	59,819	63,779	General Expenses of Administration.
2,294	2,617	2,548	3,043	Written off.
2,840	..	2	4,134	Loss on Sale of Securities.
173	106	480	232	Grant to Industrial Hygiene Museum (for Promotion of Prevention of Accidents).
1,213	1,645	1,879	1,964	Pension Fund (for Employees of Insurance Offices).
29,105	39,860	43,799	42,146	Credited to Fund for covering loss on sale of securities.
11,599	6,347	6,906	94	Balance to credit of Offices (exclusive of Balance brought forward from previous Years).
2,131,989	2,856,139	3,439,315	4,022,991	Total Expenditure.

## ACCIDENT INSURANCE IN

TABLE 179.—PART I, NUMBER of PERSONS INSURED under the AUSTRIAN  
with ACCIDENTS entailing COMPEN-

PART I.—NUMBER OF					
Group of Trades.	1890.	1891.	1892.	1893.	1894.
Building trades .. .. .	144,497	155,862	166,244	189,805	206,645
Quarries, stone and earth trades and glass making.	103,506	116,970	124,884	134,032	143,270
Smelting works and connected industries.	15,664	16,037	24,120	22,959	24,024
Metal manufacture .. ..	45,918	49,932	51,570	56,631	58,648
Machine construction, tool and instrument making, &c.	63,547	66,710	67,709	69,910	74,077
Textile trades .. .. .	217,098	228,522	233,435	246,677	255,049
Clothing and cleaning trades	17,267	18,059	18,804	20,394	21,503
Railways .. .. .	25,727	26,448	29,280	32,807	31,508
Agriculture, forestry and corn mills.	361,688	437,896	403,947	423,159	501,042
Printing and allied trades ..	14,031	15,500	16,217	16,960	17,969
Paper, leather, indiarubber and celluloid trades.	40,226	43,963	44,332	46,966	48,586
Wood-working, basket and brush-making, work in horn, meerschaum, &c.	87,526	43,296	46,837	47,574	52,403
Chemical trades .. .. .	16,212	17,810	18,022	19,902	19,616
Manufacture of heating and lighting substances, oils and fats; heating and lighting works.	10,945	11,496	11,663	12,374	13,093
Food and tobacco trades ..	117,856	123,460	123,807	126,110	130,351
Other trades(c) .. .. .	..	..	..	..	..
<b>Total .. .. .</b>	<b>1,231,818</b>	<b>1,269,763</b>	<b>1,300,681</b>	<b>1,406,276</b>	<b>1,598,404</b>

(a) Compiled from the sources stated in the footnote on pp. 267-8, *ante*. As to certain to the class of accidents entailing compensation under the Austrian Insurance Laws, see  
 (b) Increase due to the inclusion for the first time of railway servants  
 (c) Including certain classes of workpeople brought within the Insurance

## AUSTRIA (BY TRADES).(a)

ACCIDENT INSURANCE LAWS; and PART II., NUMBER of PERSONS who met  
 RATION, CLASSIFIED by TRADES.

PERSONS INSURED.					
	1895.	1896.	1897.	1898.	Group of Trades.
	227,059	246,897	264,050	307,834	Building trades.
	149,413	155,567	165,657	172,795	Quarries, stone and earth trades and glass making.
	29,026	31,926	35,194	39,260	Smelting works and connected industries.
	62,755	65,105	69,990	75,180	Metal manufacture
	73,955	79,308	85,445	93,743	Machine construction, tool and instrument making, &c.
	285,248	286,975	298,134	298,969	Textile trades.
	23,240	24,863	25,602	27,043	Clothing and cleaning trades.
	172,895(b)	204,205	226,464	249,421	Railways.
	523,628	530,530	550,581	576,166	Agriculture, forestry and corn mills.
	19,041	20,020	20,916	22,348	Printing and allied trades.
	51,170	52,290	54,619	56,333	Paper, leather, indiarubber and celluloid trades.
	58,707	62,630	64,109	66 600	Wood-working, basket and brush-making, work in horn, meerscham, &c.
	19,215	19,749	20,620	21,062	Chemical trades.
	14,318	15,364	16,294	16,730	Manufacture of heating and lighting substances, oils and fats; heating and lighting works.
	134,948	136,239	141,709	142,832	Food and tobacco trades.
	52,776	68,176	68,059	69,776	Other trades.(c)
	1,877,194	1,974,644	2,077,473	2,200,112	Total.

occupations not included, as to the number given in relation to persons insured, and as that note.  
 other than those employed in railway construction and workshops.  
 Laws in 1893, and also workpeople insured *without legal obligation*.

## ACCIDENT INSURANCE IN

TABLE 179.—PART I, NUMBER OF PERSONS INSURED under the AUSTRIAN  
with ACCIDENTS entailing COMPENSATION,

PART II.—NUMBER OF PERSONS WHO MET WITH					
Death.					
Group of Trades.	1890.	1891.	1892.	1893.	1894.
Building trades ... ..	151	167	156	186	229
Quarries, stone and earth trades and glass making.	101	124	100	127	107
Smelting works and connected industries.	16	13	17	17	22
Metal manufacture ... ..	5	12	18	12	16
Machine construction, tool and instrument making, &c.	31	17	25	31	27
Textile trades ... ..	32	21	33	44	35
Clothing and cleaning trades ...	1	2	3	3	...
Railways ... ..	7	7	11	14	16
Agriculture, forestry and corn mills.	56	42	48	52	54
Printing and allied trades ...	1	...	...	1	...
Paper, leather, indiarubber and celluloid trades.	22	19	10	17	18
Wood-working, basket and brush- making, work in horn, meers- chaum, &c.	20	35	54	53	44
Chemical trades ... ..	13	13	13	12	17
Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.	9	14	8	9	4
Food and tobacco trades ... ..	83	79	78	71	81
Other trades ... ..	...	...	...	...	...
<b>Total ... ..</b>	<b>548</b>	<b>565</b>	<b>574</b>	<b>649</b>	<b>670</b>

AUSTRIA (BY TRADES)—*continued.*ACCIDENT INSURANCE LAWS; and PART II., NUMBER of PERSONS who met  
CLASSIFIED by TRADES—*continued.*

ACCIDENTS (ENTAILING COMPENSATION) RESULTING IN				
Death.				
1895.	1896.	1897.	1898.	Group of Trades.
194	237	229	258	Building trades.
119	138	127	129	Quarries, stone and earth trades and glass making.
43	25	28	27	Smelting works and connected industries.
10	4	15	17	Metal manufacture.
27	27	25	21	Machine construction, tool and instrument making, &c.
32	43	40	29	Textile trades.
2	...	3	1	Clothing and cleaning trades.
146	160	172	203	Railways.
53	40	43	41	Agriculture, forestry and corn mills.
...	1	...	...	Printing and allied trades.
16	17	24	28	Paper, leather, indiarubber and celluloid trades.
51	65	62	72	Wood-working, basket and brush-making, work in horn, meer-schaum, &c.
16	13	13	12	Chemical trades.
5	8	9	9	Manufacture of heating and lighting substances, oils and fats; heating and lighting works.
70	77	84	61	Food and tobacco trades.
51	74	55	70	Other trades.
835	929	929	978	Total.

## ACCIDENT INSURANCE IN

TABLE 179.—PART I, NUMBER of PERSONS INSURED under the AUSTRIAN  
with ACCIDENTS entailing COMPENSATION,

PART II.—continued.—NUMBER OF PERSONS WHO MET WITH					
Permanent					
Group of Trades.	1890.	1891.	1892.	1893.	1894.
Building trades ... ..	190	393	472	757	836
Quarries, stone and earth trades and glass making.	144	212	258	301	345
Smelting works and connected industries.	43	66	95	118	149
Metal manufacture ... ..	80	95	179	191	222
Machine construction, tool and instrument making, &c.	183	219	284	312	471
Textile trades ... ..	255	298	267	343	301
Clothing and cleaning trades ...	8	15	13	20	28
Railways ... ..	27	30	48	82	48
Agriculture, forestry and corn mills.	217	282	279	296	355
Printing and allied trades ...	9	10	9	17	20
Paper, leather, indiarubber and celluloid trades.	82	110	139	122	148
Wood-working, basket and brush making, work in horn, meer- schaum, &c.	170	213	217	296	336
Chemical trades ... ..	24	26	23	52	56
Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.	12	11	33	28	43
Food and tobacco trades ... ..	149	171	214	309	343
Other trades ... ..	...	...	...	...	...
Total ... ..	1,593	2,151	2,530	3,244	3,701



AUSTRIA (BY TRADES)—*continued*.ACCIDENT INSURANCE LAWS; and PART II., NUMBER of PERSONS who met  
CLASSIFIED by TRADES—*continued*.

ACCIDENTS (ENTAILING COMPENSATION) RESULTING IN				
Disablement.				
1895.	1896.	1897.	1898.	Group of Trades.
1,117	1,817	1,146	1,279	Building trades.
460	531	524	568	Quarries, stone and earth trades and glass making.
201	183	191	198	Smelting works and connected industries.
233	269	260	270	Metal manufacture.
488	556	498	516	Machine construction, tool and instrument making, &c.
449	443	418	402	Textile trades.
82	16	23	24	Clothing and cleaning trades.
216	205	185	167	Railways.
396	361	408	409	Agriculture, forestry and corn mills.
25	22	25	27	Printing and allied trades.
175	200	150	166	Paper, leather, indiarubber and celluloid trades.
443	427	451	517	Wood-working, basket and brush- making, work in horn, meer- schaum, &c.
48	56	62	73	Chemical trades.
45	71	56	61	Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.
394	391	314	318	Food and tobacco trades.
202	351	335	289	Other trades.
4,924	5,399	5,046	5,284	Total.

## ACCIDENT INSURANCE IN

TABLE 179.—PART I. NUMBER OF PERSONS INSURED under the AUSTRIAN  
with ACCIDENTS entailing COMPENSATION,

PART II.—continued.—NUMBER OF PERSONS WHO MET WITH					
Group of Trades.	Temporary				
	1890.	1891.	1892.	1893.	1894.
Building trades ... ..	970	1,380	1,327	1,542	1,814
Quarries, stone and earth trades and glass making.	358	494	613	654	654
Smelting works and connected industries.	214	216	351	400	509
Metal manufacture ... ..	328	461	386	453	535
Machine construction, tool and instrument making, &c.	691	869	896	944	1,130
Textile trades ... ..	455	587	570	600	719
Clothing and cleaning trades ...	26	34	33	38	41
Railways ... ..	209	230	256	305	392
Agriculture, forestry and corn mills.	255	331	387	345	395
Printing and allied trades ...	50	55	47	41	60
Paper, leather, indiarubber and celluloid trades.	221	247	279	274	272
Wood-working, basket and brush making, work in horn, meer- schaum, &c.	268	407	443	577	673
Chemical trades ... ..	69	93	85	129	99
Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.	69	92	80	107	132
Food and tobacco trades ... ..	417	572	565	599	756
Other trades ... ..	...	...	...	...	...
<b>Total ... ..</b>	<b>4,600</b>	<b>6,068</b>	<b>6,318</b>	<b>7,008</b>	<b>8,181</b>

AUSTRIA (BY TRADES)—*continued*.ACCIDENT INSURANCE LAWS; and PART. II., NUMBER of PERSONS who met  
CLASSIFIED by TRADES—*continued*.

ACCIDENTS (ENTAILING COMPENSATION) RESULTING IN				
Disablement.				
1895.	1896.	1897.	1898.	Group of Trades.
2,120	2,453	2,841	3,126	Building trades.
812	971	1,058	1,147	Quarries, stone and earth trades and glass making.
569	668	758	779	Smelting works and connected industries.
550	680	748	848	Metal manufacture.
1,112	1,363	1,427	1,531	Machine construction, tool and instrument making, &c.
705	763	882	847	Textile trades.
52	45	52	58	Clothing and cleaning trades.
1,550	1,714	2,096	2,417	Railways.
449	475	506	489	Agriculture, forestry and corn mills.
66	73	77	93	Printing and allied trades.
292	364	403	401	Paper, leather, indiarubber and celluloid trades.
850	898	891	904	Wood-working, basket and brush making, work in horn, meers- chaum, &c.
107	132	155	150	Chemical trades.
120	149	177	180	Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.
819	981	921	994	Food and tobacco trades.
463	637	694	756	Other trades.
10,636	12,216	13,686	14,720	Total.

## ACCIDENT INSURANCE IN

TABLE 179.—PART I., NUMBER of PERSONS INSURED under the AUSTRIAN  
with ACCIDENTS entailing COMPENSATION,PART II.—*continued*.—NUMBER OF PERSONS WHO MET

Group of Trades.	Total.				
	1890.	1891.	1892.	1893.	1894.
Building trades ... ..	1,311	1,940	1,955	2,485	2,879
Quarries, stone and earth trades and glass making.	603	830	971	1,082	1,106
Smelting works and connected industries.	273	295	463	535	680
Metal manufacture ... ..	413	568	583	656	773
Machine construction, tool and instrument making, &c.	905	1,105	1,205	1,287	1,628
Textile trades ... ..	742	906	870	987	1,055
Clothing and cleaning trades ...	35	51	49	61	69
Railways ... ..	243	267	315	401	456
Agriculture, forestry and corn mills.	528	655	714	693	804
Printing and allied trades ...	60	65	56	59	80
Paper, leather, indiarubber and celluloid trades.	325	376	428	413	438
Wood-working, basket and brush- making, work in horn, meer- schaum, &c.	458	655	714	926	1,053
Chemical trades ... ..	106	132	121	193	172
Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.	90	117	121	144	179
Food and tobacco trades ... ..	649	822	857	979	1,180
Other trades .. ...	...	...	...	...	...
<b>Total ... ..</b>	<b>6,741</b>	<b>8,784</b>	<b>9,422</b>	<b>10,901</b>	<b>12,552</b>

AUSTRIA (BY TRADES)—*continued.*

ACCIDENT INSURANCE LAWS; and PART II., NUMBER of PERSONS who met  
CLASSIFIED by TRADES—*continued.*

WITH ACCIDENTS (ENTAILING COMPENSATION).

Total.					Group of Trades.
1895.	1896.	1897.	1898.		
3,431	4,009	4,216	4,663		Building trades.
1,391	1,640	1,709	1,844		Quarries, stone and earth trades and glass making.
813	876	977	1,004		Smelting works and connected industries.
793	953	1,023	1,135		Metal manufacture.
1,623	1,846	1,950	2,068		Machine construction, tool and instrument making, &c.
1,187	1,249	1,340	1,278		Textile trades.
85	61	78	83		Clothing and cleaning trades.
1,912	2,079	2,453	2,787		Railways.
901	876	957	939		Agriculture, forestry and corn mills.
91	96	102	120		Printing and allied trades.
483	581	577	595		Paper, leather, indiarubber and celluloid trades.
1,340	1,388	1,404	1,493		Wood-working, basket and brush- making, work in horn, meers- chaum, &c.
171	201	230	235		Chemical trades.
170	228	242	250		Manufacture of heating and light- ing substances, oils and fats; heating and lighting works.
1,283	1,399	1,319	1,373		Food and tobacco trades.
716	1,062	1,084	1,115		Other trades.
16,395	18,544	19,661	20,982		Total.

**MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE IN  
AUSTRIA, 1884-91.(a)**

**TABLE 180.—NUMBER of PERSONS INSURED against ACCIDENTS, SICKNESS and OLD AGE in the MINERS' PROVIDENT FUNDS in AUSTRIA, NUMBER of PERSONS in RECEIPT of PENSIONS from, NUMBER of CASES and DAYS of SICKNESS, and NUMBER of CASES of PERMANENT DISABLEMENT and DEATH among the PERSONS INSURED with, and RECEIPTS, EXPENDITURE and PROPERTY of such FUNDS, in 1884-91.**

	1884.	1885.	1886.	1887.	1888.	1889.	1890.	1891.
<b>NUMBER OF PERSONS INSURED:—</b>								
Members of Funds ..	97,795	94,829	94,831	96,569	100,369	115,512	122,533	127,197
Participants ..	24,501	25,586	21,668	21,478	23,320	21,303	21,589	20,918
<b>Total insured ..</b>	<b>122,296</b>	<b>120,415</b>	<b>116,499</b>	<b>118,047</b>	<b>123,689</b>	<b>136,815</b>	<b>144,122</b>	<b>148,115</b>
<b>NUMBER OF WOMEN AND CHILDREN ENTITLED TO BENEFITS.</b>	<b>171,132</b>	<b>175,504</b>	<b>179,077</b>	<b>183,204</b>	<b>186,006</b>	<b>201,948</b>	<b>211,679</b>	<b>215,601</b>
<b>NUMBER OF PERSONS IN ACTUAL RECEIPT OF PENSIONS:—</b>								
Men ..	9,077	9,253	9,681	10,111	10,459	10,663	11,072	11,547
Women ..	12,433	12,802	13,065	13,368	13,499	13,533	14,448	14,649
Children ..	8,750	9,070	8,960	8,967	8,957	8,902	9,010	9,393
<b>Total in receipt of pensions.</b>	<b>30,260</b>	<b>31,125</b>	<b>31,706</b>	<b>32,446</b>	<b>32,915</b>	<b>33,097</b>	<b>34,530</b>	<b>35,589</b>
<b>NUMBER OF CASES OF SICKNESS AMONG MEMBERS AND PARTICIPANTS.</b>	<b>107,845</b>	<b>168,441</b>	<b>108,802</b>	<b>105,935</b>	<b>115,048</b>	<b>119,104</b>	<b>146,650</b>	<b>128,584</b>
<b>NUMBER OF DAYS OF SICKNESS AMONG MEMBERS AND PARTICIPANTS.</b>	<b>995,530</b>	<b>1,084,183</b>	<b>1,021,461</b>	<b>972,076</b>	<b>1,061,056</b>	<b>1,117,190</b>	<b>1,463,733</b>	<b>1,278,863</b>
<b>NUMBER OF CASES OF PERMANENT DISABLEMENT AMONG MEMBERS AND PARTICIPANTS:—</b>								
(i) from accident ..	42	62	64	83	112	95	89	99
(ii) from other causes	895	1,045	1,214	1,068	1,199	1,201	1,125	1,421
<b>Total cases of permanent disablement.</b>	<b>937</b>	<b>1,107</b>	<b>1,278</b>	<b>1,151</b>	<b>1,311</b>	<b>1,296</b>	<b>1,214</b>	<b>1,520</b>
<b>NUMBER OF CASES OF DEATH AMONG MEMBERS AND PARTICIPANTS:—</b>								
(i) from accident ..	182	313	140	141	183	194	228	266
(ii) from other causes	1,569	1,686	1,547	1,366	1,669	1,662	1,840	1,633
<b>Total cases of death..</b>	<b>1,751</b>	<b>1,999</b>	<b>1,687</b>	<b>1,507</b>	<b>1,852</b>	<b>1,856</b>	<b>2,068</b>	<b>1,900</b>
<b>RECEIPTS:—</b>								
Contributions of members ..	£ 117,121	£ 112,465	£ 115,841	£ 120,340	£ 130,426	£ 141,749	£ 161,420	£ 168,644
Contributions of participants ..	12,216	17,228	12,961	14,308	15,239	15,816	15,363	15,635
Contributions of employers ..	47,568	43,284	45,555	47,602	52,015	56,327	63,476	75,840
<b>Total contributions ..</b>	<b>£ 176,905</b>	<b>£ 172,977</b>	<b>£ 174,357</b>	<b>£ 182,250</b>	<b>£ 197,679</b>	<b>£ 213,892</b>	<b>£ 240,259</b>	<b>£ 259,919</b>
<b>EXPENDITURE:—</b>								
For permanent relief ..	101,115	103,240	107,698	111,322	117,568	122,869	130,428	136,358
For temporary relief ..	29,208	30,501	30,412	30,181	32,927	32,860	43,574	43,819
For medical attendance and medicines.	39,072	40,066	40,063	41,440	44,596	45,207	50,797	50,207
<b>Total expenditure ..</b>	<b>169,395</b>	<b>173,807</b>	<b>178,173</b>	<b>182,943</b>	<b>194,091</b>	<b>200,936</b>	<b>224,800</b>	<b>230,384</b>
<b>PROPERTY OF FUNDS (AT PRESENT VALUES).</b>	<b>1,000,388</b>	<b>1,068,039</b>	<b>1,062,846</b>	<b>1,061,256</b>	<b>1,176,643</b>	<b>1,340,075</b>	<b>1,367,241</b>	<b>1,466,786</b>

(a) Compiled from *Oesterreichisches Statistisches Handbuch*, see the footnotes on pp. 265-6, ante. The table relates to the Special Miners' Provident Funds (*Bruderladen*).

**MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE  
IN AUSTRIA, 1892-98.(a)**

TABLE 181.—NUMBER of PERSONS INSURED against ACCIDENT, SICKNESS and OLD AGE in the MINERS' PROVIDENT FUNDS in AUSTRIA, NUMBER of PERSONS in RECEIPT of PENSIONS from, NUMBER of CASES of PERMANENT DISABLEMENT and DEATH, and NUMBER of CASES and DAYS of SICKNESS among the PERSONS INSURED with, and RECEIPTS, EXPENDITURE and PROPERTY of such FUNDS, in 1892-98. PART I., PERMANENT PENSION FUNDS (*Accidents, Sickness and Old Age*); PART II., TEMPORARY ALLOWANCE FUNDS (*Sickness*).

**PART I.—PERMANENT PENSION FUNDS (ACCIDENT, SICKNESS AND OLD AGE).**

	1892.	1893.	1894.	1895.	1896.	1897.	1898.
<b>NUMBER OF PERSONS INSURED (MEMBERS OF FUNDS):—</b>							
I. Entitled to receive full benefits.(b)	122,660	127,922	131,732	126,790	133,761	140,306	143,984
II. Entitled to receive partial benefits.(c)	15,705	14,795	14,593	12,401	10,564	10,149	10,267
<b>NUMBER OF WOMEN AND CHILDREN ENTITLED TO BENEFITS.</b>	213,713	218,200	229,586	233,603	239,224	247,961	259,051
<b>NUMBER OF PERSONS IN ACTUAL RECEIPT OF PENSIONS:—</b>							
Former members of Funds.	11,429	12,125	12,846	13,387	14,354	15,051	15,451
Widows .. .. .	14,477	14,783	15,301	15,331	15,598	16,169	16,226
Orphans .. .. .	9,497	9,529	10,047	10,205	10,440	10,547	10,486
<b>Total in receipt of pensions.</b>	<b>35,403</b>	<b>36,437</b>	<b>38,194</b>	<b>38,923</b>	<b>40,392</b>	<b>41,797</b>	<b>42,163</b>
<b>NUMBER OF CASES OF PERMANENT DIS- ABLEMENT:—</b>							
Among full-benefit members:—							
(I.) From accident ..	105	118	160	169	170	210	205
(II.) From other causes	1,521	1,636	1,647	1,756	2,021	1,865	1,863
Among partial-benefit members.	43	2	17	15	18	22	25
<b>Total cases of permanent disablement.</b>	<b>1,669</b>	<b>1,756</b>	<b>1,824</b>	<b>1,940</b>	<b>2,209</b>	<b>2,097</b>	<b>2,033</b>
<b>NUMBER OF CASES OF DEATH:—</b>							
Among full-benefit members:—							
(I.) From accident ..	501	214	389	203	178	168	164
(II.) From other causes	1,342	1,245	1,144	921	999	1,065	1,057
Among partial-benefit members.	136	111	114	145	133	132	130
<b>Total cases of death</b>	<b>1,979</b>	<b>1,570</b>	<b>1,647</b>	<b>1,269</b>	<b>1,310</b>	<b>1,365</b>	<b>1,351</b>

(a) Compiled from the source stated in the footnotes on page 281, *ante*. The table shows the facts in relation to the Special Miners' Provident Funds (*Brudergesellschaften*) in the period subsequent to the date when certain amendments in the law with regard to these Funds were carried into effect. Particulars relating to Funds connected with salt and petroleum works and with ozokerit mines are not included in this table. With respect to the Miners' Provident Funds generally, the cost of insurance is, by virtue of the amendments in the law referred to above, borne by employers and workpeople in equal shares, except that officials receiving over £100 a year pay the entire contributions with no assistance from the employers, and that the cost of maintaining a Central Reserve Fund to meet the extra burdens resulting from accidents through which more than 5 persons are killed or disabled (not to exceed 0.1 per cent. of the wage-bill of an employer for the preceding year) falls on the employers. In regard to insurance against sickness in the case of State-owned mines and works, the entire cost of insurance is borne by the State.

(b) *i.e.*, Pensions in case of permanent disablement resulting from accident, sickness, or old age.

(c) *i.e.*, Pensions in case of permanent disablement resulting from accident only.

**MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE IN  
AUSTRIA, 1892-98—continued.**

TABLE 181.—NUMBER of PERSONS INSURED against ACCIDENTS, SICKNESS and OLD AGE in the MINERS' PROVIDENT FUNDS in AUSTRIA, NUMBER of PERSONS in RECEIPT of PENSIONS from, NUMBER of CASES of PERMANENT DISABLEMENT and DEATH, and NUMBER of CASES and DAYS of SICKNESS among the PERSONS INSURED with, and RECEIPTS, EXPENDITURE and PROPERTY of such FUNDS, in 1892-98. PART I., PERMANENT PENSION FUNDS (*Accidents, Sickness and Old Age*) ; PART II., TEMPORARY ALLOWANCE FUNDS (*Sickness*)—continued.

PART I.—PERMANENT PENSION FUNDS (ACCIDENT, SICKNESS AND OLD AGE)—continued.

	1892.	1893.	1894.	1895.	1896.	1897.	1898.
<b>RECEIPTS:—</b>	£	£	£	£	£	£	£
Contributions of full-benefit members.	156,153	161,273	166,342	144,757	149,356	154,659	158,934
Contributions of partial-benefit members.	7,297	6,670	5,625	5,091	3,876	2,322	2,339
Contributions of employers	168,173	175,287	179,601	157,764	161,969	164,228	169,131
Total contributions	331,623	343,230	351,568	307,612	315,191	321,209	330,304
Other receipts .. ..	} Not stated.	} Not stated.	} Not stated.	101,657	130,437	137,069	149,346
Total receipts ..				409,269	445,628	458,278	479,749
<b>EXPENDITURE:—</b>							
Pensions paid to:—							
Full-benefit members ..	89,991	96,881	105,761	113,518	122,664	131,516	135,249
Partial-benefit members	299	494	298	348	354	534	678
Widows .. .. .	48,269	50,975	52,679	53,487	54,783	57,182	59,284
Orphans .. .. .	10,727	11,228	12,008	12,440	12,862	13,324	13,836
Total pensions ..	149,306	161,578	170,746	179,793	190,663	202,556	209,047
Capital sums paid to members out of reserve funds.	745	875	2,473	4,517	7,894	12,593	19,970
Other expenses .. ..	} Not stated.	} Not stated.	} Not stated.	12,031	19,228	22,508	23,754
Total expenditure ..				196,341	217,785	237,652	252,771
<b>PROPERTY OF FUNDS:—</b>							
Funds for State-owned mines and works.	174,564	189,549	198,042	201,557	215,338	227,294	237,475
Funds for private mines and works.	1,505,470	1,727,460	1,962,556	1,947,801	2,182,116	2,400,420	2,589,253
Total property of Funds	1,680,034	1,917,009	2,160,598	2,149,358	2,397,444	2,627,794	2,826,728



**MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE IN  
AUSTRIA, 1892-98—continued.**

TABLE 181.—NUMBER OF PERSONS INSURED against ACCIDENTS, SICKNESS and OLD AGE in the MINERS' PROVIDENT FUNDS in AUSTRIA, NUMBER OF PERSONS in RECEIPT of PENSIONS from, NUMBER of CASES of PERMANENT DISABLEMENT and DEATH, and NUMBER of CASES and DAYS of SICKNESS among the PERSONS INSURED with, and RECEIPTS, EXPENDITURE and PROPERTY of such FUNDS, in 1892-98. PART I., PERMANENT PENSION FUNDS (*Accident, Sickness and Old Age*); PART II., TEMPORARY ALLOWANCE FUNDS (*Sickness*)—continued.

PART II.—TEMPORARY ALLOWANCE FUNDS (SICKNESS).							
	1892.	1893.	1894.	1895.	1896.	1897.	1898.
A. NUMBER OF MEMBERS UNDER OBLIGATION TO INSURE.	117,531	140,124	142,143	147,843	151,844	158,504	159,908
B. NUMBER OF PENSIONERS BELONGING TO SICK (TEMPORARY ALLOWANCE) FUNDS.	12,681	5,239	4,900	4,809	6,089	5,941	7,370
NUMBER OF PERSONS ( <i>relatives</i> ) DEPENDENT ON A.	176,905	154,500	146,907	153,399	159,374	169,534	168,580
NUMBER OF PERSONS ( <i>relatives</i> ) DEPENDENT ON B.	11,531	9,091	6,119	6,020	8,084	8,023	9,293
NUMBER OF CASES OF SICKNESS:—							
i. From accident.. ..	7,187	6,523	8,501	15,622	16,604	14,045	18,208
ii. From other causes ..	117,733	134,461	116,361	105,596	98,090	104,037	102,670
Total cases of sickness ..	124,920	140,984	124,865	121,218	114,694	118,082	120,878
NUMBER OF DAYS OF SICKNESS:—							
i. From accident.. ..	117,374	131,815	158,752	213,968	230,954	205,355	247,936
ii. From other causes ..	1,195,600	1,536,571	1,468,818	1,390,648	1,354,075	1,389,910	1,371,894
Total days of sickness ..	1,313,474	1,668,386	1,627,570	1,604,616	1,585,029	1,595,265	1,619,830
NUMBER OF DAYS OF SICKNESS IN RESPECT OF WHICH SICK ALLOWANCES WERE PAID.	..	..	..	1,552,190	1,550,081	1,557,170	1,576,817
NUMBER OF CASES OF DEATH:—							
i. From accident.. ..	515	218	394	228	200	181	177
ii. From other causes ..	1,534	1,509	1,267	1,245	1,340	1,289	1,216
Total cases of death ..	2,049	1,727	1,661	1,473	1,540	1,470	1,393

**MINERS' ACCIDENT, SICKNESS AND OLD AGE INSURANCE  
IN AUSTRIA, 1892-98—continued.**

**TABLE 181.—NUMBER of PERSONS INSURED against ACCIDENTS, SICKNESS and OLD AGE in the MINERS' PROVIDENT FUNDS in AUSTRIA, NUMBER of PERSONS in RECEIPT of ALLOWANCES from, NUMBER of CASES of PERMANENT DISABLEMENT and DEATH, and NUMBER of CASES and DAYS of SICKNESS among the PERSONS INSURED with, and RECEIPTS, EXPENDITURE and PROPERTY of such FUNDS, in 1892-98. PART I., PERMANENT PENSION FUNDS (*Accident, Sickness and Old Age*) ; PART II., TEMPORARY ALLOWANCE FUNDS (*Sickness*)—continued.**

**PART II.—TEMPORARY ALLOWANCE FUNDS (SICKNESS)—continued.**

	1892.	1893.	1894.	1895.	1896.	1897.	1898.
<b>RECEIPTS:—</b>	£	£	£	£	£	£	£
Contributions paid by:—							
On own account.	46,076	50,368	55,954	58,305	60,719	63,407	65,195
Members { On account of dependent relatives.	9,731	10,974	11,074	11,633	12,757	13,972	15,107
Employers .. .. .	52,376	60,054	65,829	67,712	70,787	73,708	74,214
Total contributions ..	108,183	121,396	132,857	137,650	144,263	151,087	154,516
Other receipts .. ..	Not stated.	Not stated.	Not stated.	14,508	14,491	14,217	17,797
Total receipts .. ..				152,158	158,754	165,304	172,313
<b>EXPENDITURE:—</b>							
I.—Sick allowances, relief of special distress and funeral expenses.	53,080	61,280	60,951	66,146	67,536	68,879	70,335
II.—Cost of medical attendance and medicines.	46,366	48,016	51,675	54,121	56,676	61,200	65,047
III.—School fees paid by Funds and expenses of administration.	5,850	7,439	9,383	12,087	12,968	13,489	13,480
Total I-III .. ..	105,096	116,725	122,019	132,354	137,170	143,568	148,862
Other expenditure .. ..	..	..	..	7,917	10,394	9,101	8,866
Total expenditure ..	105,096	116,725	122,019	140,271	147,564	152,669	157,728
<b>PROPERTY OF FUNDS:—</b>							
Funds for State-owned mines and works.	441	1,347	1,792	2,266	2,878	3,564	4,295
Funds for private mines and works.	17,191	26,632	41,873	52,486	67,000	79,584	93,641
Total property of Funds	17,632	27,979	43,665	54,752	69,878	83,148	97,936

## SICKNESS INSURANCE IN HUNGARY.(a)

TABLE 182.—NUMBER OF PERSONS INSURED under the HUNGARIAN SICKNESS INSURANCE LAW, and RECEIPTS and EXPENDITURE of the SICKNESS INSURANCE FUNDS.

	1895.	1896.	1897.	1898.
NUMBER OF PERSONS INSURED ...	523,257	540,642	560,724	599,107
RECEIPTS :—	£	£	£	£
Contributions for insurance ...	276,393	296,638	315,638	333,534
Entrance fees for voluntary insurance.	170	144	104	85
Donations to funds ...	1,376	1,983	2,666	1,547
Interest ...	1,789	2,234	3,385	3,803
Fines ...	3,094	3,127	3,868	3,444
Loans to funds ...	2,824	3,156	6,805	1,234
From realisation of investments.	19,877	36,760	32,857	3,122
Other receipts ...		6,205	7,266	9,170
Total receipts ...	305,523	350,247	372,589	355,939
Cash in hand ...	20,367	27,916	26,025	30,688
Total ...	325,890	378,163	398,614	386,627
EXPENDITURE :—				
Benefits paid to insured :—				
Sick (including confinement) allowances.	95,176	98,091	96,726	104,682
Cost of midwifery ...	4,822	5,513	6,199	6,125
Cost of maintenance in hospital.	17,995	23,939	25,981	25,781
Paid to chemists for medicines.	51,084	57,740	57,699	64,694
Funeral expenses ...	10,352	11,244	10,919	11,762
Doctors' fees ...	47,095	53,204	55,067	58,047
Cost of other benefits ...	...	...	3,745	8,311
Total benefits ...	226,524	249,731	256,336	279,402
Cost of administration :—				
Salaries and wages ...	29,478	32,417	33,934	34,195
Offices, printing, &c. ...	10,657	10,422	12,934	9,696
Total cost of administration.	40,135	42,839	46,868	43,891
Invested on capital account ...	25,985	52,496	43,328	17,028
Amortisation of debts ...	2,544	2,197	6,336	4,796
Other expenses ...	5,294	5,883	3,079	7,173
Total expenditure ...	300,482	353,146	355,937	352,290
EXCESS OF RECEIPTS OVER EXPENDITURE.	25,408	25,017	42,677	34,337

(a) Compiled from *Magyar Statisztikai Értekezések*, published by the Statistical Bureau of the Hungarian Ministry of Commerce. The number given as that of the persons insured is, as to each year, the number at the end of that year. The cost of Sickness Insurance is borne as to  $\frac{1}{2}$  by the workpeople, as to  $\frac{1}{2}$  by the employers (except as to persons voluntarily insured).



## SUBJECT INDEX TO TABLES

IN

ABSTRACT OF FOREIGN LABOUR  
STATISTICS.

	Page		Page
<b>A.</b>		<b>AUSTRIA :</b>	
ACCIDENTS, INSURANCE AGAINST. ( <i>See</i> WORKMEN'S INSURANCE.)		Co-operative Societies in	237-239.
AGRICULTURAL ASSOCIATIONS, CO-OPERATIVE. ( <i>See</i> CO-OPERA- TION.)		Trade Disputes in ...	177-180.
AGRICULTURAL ASSOCIATIONS (DARMSTADT), FEDERATION OF GERMAN :		Trade Unions in ...	203-208.
Associations for Distribution (Supply) affiliated to	225-226	Wages in ...	...77-84
Credit Associations affiliated to ...	227-228	Workmen's Insurance in	267-235.
Dairy Associations affiliated to ...	227-228	<b>AUSTRIA-HUNGARY.</b> ( <i>See</i> AUSTRIA, and HUNGARY.)	
AGRICULTURAL CREDIT ASSOCIA- TIONS, FEDERATION OF, IN WURTEMBERG, ASSOCIATIONS AFFILIATED TO ...	225-226		
<b>AGRICULTURAL LABOUR :</b>		<b>B.</b>	
Wages of, in Belgium...	42	BADEN, EARNINGS IN ...	35-36, 40.
" " " France ...	63	BAKERIES, CO-OPERATIVE. ( <i>See</i> CO-OPERATION — ASSOCIATIONS FOR PRODUCTION.)	
" " " Hungary, in 1895	85	<b>BAKERS :</b>	
" " " " 1896		Earnings of, in Sweden ...	11
" " " -98 ...	85	Hours of Labour of, in Con- necticut ...	160.
" " " Russian Empire	2-3	Hours of Labour of, in German Empire ...	134
" " " Sweden ...	8	Hours of Labour of, in New York State ...	160.
" " " United States, ac- cording to groups		Hours of Labour of, in Sweden	127
of States, in 1879		Wages of, in Connecticut ...	119.
-92 ...	86	<b>BALTIMORE, WAGES AT</b> ...	102
" " " United States, in certain States, in		<b>BAVARIA, TRADE DISPUTES IN</b> ...	168.
1893-99...	87-83	<b>BELGIUM :</b>	
" " " United States, ac- cording to sepa- rate States and Territories ...	89-94	Co-operation in...	230-231
<b>AGRICULTURAL SUPPLY ASSOCI- ATIONS, CO-OPERATIVE.</b> ( <i>See</i> CO- OPERATION.)		Hours of Labour in ...	150-151
<b>ALTONA, EARNINGS AT</b> ...	37-39	Wages in ...	...42-54
<b>ARBITRATION.</b> ( <i>See</i> CONCILIATION AND ARBITRATION.)		Workmen's Insurance in	259-261
		<b>BLASTFURNACES, EARNINGS OF WORKPEOPLE EMPLOYED AT</b> <b>AUSTRIAN...</b> ...	...79-80
		<b>BOHEMIA (NORTHERN).</b> ( <i>See</i> REICHENBERG.)	
		<b>BOOK PRINTERS.</b> ( <i>See</i> PRINTERS, BOOK.)	
		<b>BOSTON (U.S.A.), WAGES AT</b> ...	101



Page	Page
	<b>DISPUTES, TRADE—cont.</b>
	In Italy :
	Causes of ... 175-176
	Duration of ... 175-176
	Grouped by Trades ... 173-174
	Number of... ... 173-174
	Number of Workpeople
	affected by ... 173-174
	Objects of ... 175-176
	Results of ... 175-176
	In Sweden :
	Duration of ... 163
	Number of... ... 163
	Number of Workpeople
	who took part in ... 163
	In United States :
	Causes of ... 184
	Duration of ... 183
	Grouped by Locality ... 185-186
	" " Trades ... 183
	Number of... ... 181-182
	Number of Establishments
	involved in ... 183
	Number of Workpeople
	affected by ... 181-183
	Objects of ... 184
	Results of ... 181-182
	<b>DISTRIBUTION, CO-OPERATIVE</b>
	<b>ASSOCIATIONS FOR. (See CO-</b>
	<b>OPERATION—ASSOCIATIONS FOR</b>
	<b>DISTRIBUTION.)</b>
	<b>DOCK LABOUR :</b>
	Earnings of, at Hamburg ... 37
	Hours of Labour of, at Ham-
	burg ... 141-142
	Number of Days worked by
	Workpeople employed in, at
	Hamburg in 1895 ... 37
	<b>E.</b>
	<b>EARNINGS (See WAGES.)</b>
	<b>ENGINEERING WORKS, EARNINGS</b>
	<b>IN, AT BRÜNN (MORAVIA) 83-84</b>
	<b>F.</b>
	<b>FARM SERVANTS, WAGES OF, IN</b>
	<b>FRANCE ... 63</b>
	<b>FEDERATIONS OF TRADE UNIONS :</b>
	Federation of German Trade
	Unions ... 196
	General Federation of Swiss
	Trade Unions ... 201
	In Denmark ... 195
	In France ... 199
	Trade Union Federation,
	Vienna ... 207-208
	(See also TRADE UNIONS.)
	<b>D.</b>
	<b>DAIRY ASSOCIATIONS, CO-OPERA-</b>
	<b>TIVE. (See CO-OPERATION.)</b>
	<b>DARMSTADT FEDERATION. (See</b>
	<b>AGRICULTURAL ASSOCIATIONS,</b>
	<b>DARMSTADT.)</b>
	<b>DAY LABOURERS, WAGES OF, IN</b>
	<b>GERMAN EMPIRE ... 27-28</b>
	<b>DENMARK :</b>
	Hours of Labour in ... 129-133
	Trade Disputes in ... 164-165
	Trade Unions in ... 195-196
	Wages in ... 12-25
	<b>DISPUTES, TRADE :</b>
	In Austria :
	Duration of ... 177-178
	Grouped by Trades ... 177-178
	Number of ... 177-178
	Number of Workpeople
	affected by ... 177-178
	Objects of ... 179-180
	Results of ... 179-180
	In Bavaria :
	Grouped by Trades ... 168
	Number of... ... 163
	Number of Workpeople
	who took part in ... 163
	Results of ... 171-172
	In Denmark :
	Causes of ... 164
	Duration of ... 164
	Grouped by Trades ... 165
	Number of... ... 164
	Number of Workpeople
	who took part in ... 164
	Objects of ... 164
	In France :
	Causes of ... 171-172
	Duration of ... 169-170
	Grouped by Trades ... 169-170
	Number of... ... 169-170
	Number of Workpeople
	who took part in ... 169-170
	Objects of ... 171-172
	Results of ... 171-172
	In German Empire :
	Causes of, 1899 ... 167
	Grouped by Trades, 1892-98 ... 166
	Grouped by Trades, 1899 ... 167
	Number of, 1892-98 ... 166
	Number of, 1899 ... 167
	Number of Workpeople
	affected by, 1899 ... 167
	Number of Workpeople
	who took part in,
	1892-98 ... 166
	Objects of, 1899 ... 167
	Results of, 1892-98 ... 166
	, 1899 ... 167
	(See also BAVARIA.)





	Page		Page
MATCH FACTORIES, EARNINGS IN FRENCH GOVERNMENT ... ..	65		
MINES :		P.	
Earnings in Austrian ... ..	77-80	PEOPLE'S BANKS. (See CO-OPERA- TIVE BANKS.)	
" " " Italian ... ..	75-76	PHILADELPHIA, WAGES AT ...	99
Coal, Earnings in French ...	64	PRINTERS, BOOK, HOURS OF LABOUR OF, IN NORWAY ...	127
" " " Italian ... ..	75-76	PRODUCTION, CO-OPERATIVE ASSO- CIATIONS FOR. (See CO-OPERA- TION.)	
" " " Prussian ... ..	80-82	PRUSSIA :	
" Hours of Employment and of Actual Work in French ... ..	156	Earnings in ... ..	29-32
" Hours of Labour in Prussian ... ..	135-136	Hours of Labour in ... ..	135-140
Lignite, Earnings in French ...	64	PUBLIC CONTRACTS, MINIMUM WAGES ON, IN BELGIUM ... ..	53-54
" " " Prussian ... ..	80-82		
" Hours of Labour in Prussian ... ..	135-136		
Metalliferous, Earnings in Prussian ... ..	80-82		
" Earnings in Italian ... ..	75-76		
" Hours of Labour in Prussian ... ..	135-136		
MINERS :		R.	
Earnings of, in Austria ... ..	77-80	RAIFFEISEN :	
" " " France ... ..	64	Co-operative Credit Associa- tions on System of, in Bel- gium ... ..	231
" " " Italy ... ..	75-76	Co-operative Credit Assoc'a- tions (Registered) on System of, in Austria ... ..	239
" " " Prussia ... ..	80-82	Co-operative Credit Associa- tions (Rural Bank-) on System of (Neuwied Federa- tion), in German Empire ...	223-224
Hours of Labour of, in France ...	156	Co-operative Credit Associa- tions on System of, in Wurtemberg ... ..	225-226
" " " Prussia ... ..	135-136		
MINIMUM WAGES ON PUBLIC CON- TRACTS, IN BELGIUM ... ..	53-54	RAILWAYS :	
		Earnings on French ... ..	66
N.		" " Prussian and Hess- ian State ... ..	29
NETHERLANDS CO-OPERATIVE FEDERATION. (See CO-OPERA- TIVE FEDERATION, NETHER- LANDS.)		" " Russian ... ..	1
NEUWIED FEDERATION, CO-OPERA- TIVE CREDIT ASSOCIATIONS (RURAL BANKS), ON RAIFFEISEN SYSTEM, AFFILIATED TO... ..	223-224	" " Swiss ... ..	71-74
NEW YORK (CITY) :		" " United States, 1888-89 ... ..	95
Hours of Labour at ... ..	158-159	" " United States, 1892-99 ... ..	96
Wages at ... ..	97, 103-104	" " Wurtemberg State ...	34
NEW YORK (STATE) :		Hours of Labour on Prussian State ... ..	137-138
Hours of Labour in ... ..	158-160	Hours of Labour on Prussian and Hessian State ... ..	139-140
Trade Unions in ... ..	209-212		
Wages in ... ..	103-104	REICHENBERG DISTRICT (NORTH- ERN BOHEMIA), EARNINGS IN ...	81-82
NORDENFJELD. (See VESTLAND AND NORDENFJELD.)		ROCHESTER (N.Y.) :	
NORWAY :		Hours of Labour at ... ..	158-159
Hours of Labour in ... ..	127	Wages at ... ..	103-104
Wages in ... ..	4-7	RURAL BANKS. (See CO-OPERA- TION—CREDIT ASSOCIATIONS.)	
O.		RUSSIAN EMPIRE :	
OLD AGE INSURANCE AGAINST. (See WORKMEN'S INSURANCE.)		Co-operation in ... ..	217-218
6487		Wages in ... ..	1-3
			T 3

	Page		Page
<b>S.</b>		<b>TRADE UNIONS—cont.</b>	
<b>SCHULZE-DELITZSCH :</b>		<b>In Denmark :</b>	
Co-operative Associations for		Grouped by Trades ...	196
Distribution on System of, in		Number and Membership,	
German Empire ...	221-222	1900 ...	195
Co-operative Credit Associa-		Number, Membership, In-	
tions on System of, in		come and Expenditure,	
German Empire ...	223-224	1894, 1896 (Unions and	
<b>SEAMEN, WAGES OF, IN GERMAN</b>		Federations) ...	195
<b>EMPIRE ...</b>	26	<b>In France :</b>	
<b>SICKNESS, INSURANCE AGAINST.</b>		Grouped by Trades ...	199
(See WORKMEN'S INSURANCE.)		Number and Membership	
<b>SILK MANUFACTURE :</b>		(Unions and Federa-	
Earnings in, in Northern Italy	75-76	tions) ...	199
Hours of Labour in, in		Unemployed Benefit ...	200
Northern Italy ...	158	<b>In German Empire :</b>	
<b>SOCIAL - DEMOCRATIC TRADE</b>		Number and Membership	
<b>UNIONS (GEWERKSCHAFTEN) ...</b>	197	(Christian) ...	198
<b>ST. LOUIS, WAGES AT ...</b>	100	Number, Membership, and	
<b>STRIKES AND LOCK-OUTS. (See</b>		Expenditure (Gewerk-	
<b>DISPUTES, TRADE.)</b>		vereine — Hirsch - Dun-	
<b>SWEDEN :</b>		cker) ...	196
Hours of Labour in ...	127-128	Number, Membership, In-	
Trade Disputes in ...	163	come, Expenditure, and	
Wages in ...	8-11	Funds in Hand (Ge-	
<b>SWITZERLAND :</b>		werkschaften) ...	197
Co-operation in... ...	234	<b>In Holland :</b>	
Hours of Labour in ...	157	Number, grouped by	
Trade Unions in ...	201-202	Trades ...	198
Wages in ...	67-74	<b>In Hungary—</b>	
<b>SYNDICATS AGRICOLES. (See</b>		Number and Membership,	
<b>AGRICULTURAL ASSOCIATIONS,</b>		grouped by Trades	207-208
<b>IN FRANCE.)</b>		<b>In Switzerland :</b>	
		Number and Membership	202
		Number, Membership, and	
		Expenditure (General	
		Federation) ...	201
		<b>In United States :</b>	
		Connecticut: Number and	
		Membership, grouped	
		by Trades ...	213
		Connecticut: Receipts and	
		Expenditure ...	214
		Indiana: Number, Mem-	
		bership, and Expenditure	215
		New York (State): Ex-	
		pense per Member	212
		New York (State): Num-	
		ber and Membership,	
		grouped by Trades	209-211
		<b>U.</b>	
		<b>UNIONS, TRADE. (See TRADE</b>	
		<b>UNIONS.)</b>	
		<b>UNITED STATES :</b>	
		Conciliation and Arbitration	
		in ...	191-192
		Hours of Labour in ...	158-161
		Trade Disputes in ...	181-186
		Trade Unions in ...	209-215
		Wages in ...	86-120

	Page		Page
<b>V.</b>		<b>WORKMEN'S INSURANCE :</b>	
VESTLAND AND NORDENFJELD, HOURS OF LABOUR OF BOOK PRINTERS IN V. AND N. FACTORY INSPECTION DISTRICT (NORWAY)	127	In Austria ... ..	267-285
		" Belgium ... ..	259-261
		" France ... ..	262-264
		" German Empire ... ..	243-258
		" Hungary ... ..	... 286
		Against Accident—	
		In Austria ... ..	267-285
		" Belgium ... ..	259-261
		" German Empire ... ..	243-258
		Against Invalidity—	
		In Belgium ... ..	259-260
		" France ... ..	262-263
		" Germany ... ..	257-258
		Against Sickness—	
		In Austria ... ..	265-266, 281-285
		" Belgium ... ..	259-261
		" France ... ..	262-263
		" German Empire ... ..	243-244
		" Hungary ... ..	... 286
		Against Old Age—	
		In Austria ... ..	281-285
		" Belgium ... ..	259-261
		" France ... ..	... 264
		" German Empire ... ..	257-258
		<b>WURTEMBERG :</b>	
		Co-operation in ... ..	225-226
		Earnings in ... ..	33-34
		Hours of Labour in ... ..	141-142
		<b>Z.</b>	
		ZÜRICH, EARNINGS AT ... ..	... 67-70
<b>W.</b>			
WAGES :			
In Austria ... ..	... 77-84		
" Belgium ... ..	... 42-54		
" Denmark ... ..	... 12-25		
" France ... ..	... 55-66		
" German Empire ... ..	... 26-40		
" Holland ... ..	... 41		
" Hungary ... ..	... 85		
" Italy ... ..	... 75-76		
" Norway ... ..	... 4-7		
" Russian Empire ... ..	... 1-3		
" Sweden ... ..	... 8-11		
" Switzerland ... ..	... 67-74		
" United States ... ..	... 86-120		
" Japan ... ..	... 121-124		
WINTERTHUR, EARNINGS AT	67-70		
WOOD PULP FACTORIES (NOR- WEGIAN), EARNINGS IN ...	7		
WOOD TRADE, WAGES IN, IN NORWAY ... ..	7		

# INDEX TO TRADES AND OCCUPATIONS MENTIONED IN TABLES OF WAGES AND HOURS OF LABOUR.

[NOTE.—*Figures in italics relate to Hours of Labour, all other figures to Wages.*]

A.	Page	Page
ABLE SEAMEN, <i>see</i> SEAMEN.		ARTIFICIAL FLOWER MAKERS:
ACTION MAKERS (GUN MANUFACTURE): Belgium ... ..	46	France ... .. 59, 152, 154
----- (MUSICAL INSTRUMENTS):		ARTISANS, <i>see</i> MECHANICS.
United States ... ..	118	ART WORKERS, SCULPTURE AND:
AGATE BUTTON MAKING: Austria	82	Holland ... .. 145-148
AGRICULTURAL IMPLEMENT		ASBESTOS MAKERS: France ... 154
MAKERS: United States	105, 106	ASPHALTERS: Denmark 15, 16, 129
----- LABOURERS:		ASPHALT MINERS: France ... 154
Belgium ... ..	42	ASSEMBLERS (ENGINEERING,
Denmark ... .. 12, 19, 20, 131		BRONZE WORK, JEWELLERY
France ... ..	63	AND GAS FITTINGS, &C.):
Hungary ... ..	85	Belgium ... .. 44-47
Japan ... .. 121-124		ASSORTERS (GLASS MAKING):
Russia ... .. 2, 3		Belgium ... .. 50, 51, 151
Sweden ... .. 8		ATHLETIC GOODS MAKERS:
United States ... .. 86, 94, 118		United States ... 109, 110
----- MACHINERY MAKERS:		AUTOTYPE MANUFACTURE:
Austria ... .. 81		Denmark ... .. 14
ALFA MANUFACTURE (TEXTILES):		AWNINGS MAKERS:
France ... .. 154		France ... .. 152
ALLEY BOYS (COTTON MILLS):		United States ... 107, 108
United States ... .. 116		
AMMUNITION MANUFACTURE:		B.
United States ... .. 105, 106		BACK BOYS (COTTON MILLS):
ANNEALERS: United States ... 115		United States ... .. 116
APPLIANCES MANUFACTURE, <i>see</i>		BAGGAGEMASTERS AND BAGGAGE-
<i>under</i> ELECTRICAL and SCIENTIFIC.		MEN (RAILWAY):
APPARATUS MANUFACTURE, <i>see</i>		United States ... .. 95
<i>under</i> COOKING, ELECTRICAL,		BAKERS:
HEATING and LIGHTING.		Denmark ... .. 14, 21, 22, 132
APPRENTICES:		France ... .. 61
Belgium ... .. 47-50, 150, 151		German Empire ... 134
Denmark ... .. 12		Norway ... .. 6
German Empire ... .. 29		Sweden ... .. 9-11, 127, 128
ARMS MANUFACTURE:		United States ... 119, 160
Belgium ... .. 46, 150		BALLAST WINNING: Austria ... 82
Denmark ... .. 25, 133		----- PIT MEN (RAILWAY):
United States ... 105, 106, 120, 161		German Empire ... .. 29
ARMY CLOTHING MANUFACTURE:		
Denmark ... .. 25, 133		
France ... .. 59, 152, 154		

	Page		Page
BALLERS, SEWING COTTON :		BLOCKERS (STRAW GOODS):	
France ... ..	59	United States ... ..	117
BANK-MAKERS, WATTLE AND MUD:		BLOCK MAKERS, PLASTER (STRAW	
Holland ... ..	41	GOODS): United States ... ..	117
BANKSMEN AND ASSISTANTS		BLOCK MAKERS, PULLEY (WOOD):	
(MINES): France ... ..	57	Denmark ... ..	14
BARBERS, <i>see</i> HAIR DRESSERS.		BLOWERS (GLASS MAKING):	
BAR GLASS MAKERS: Austria ...	82	Belgium ... ..	50, 51, 151
BARREL FILERS (GUN MANUFAC-		United States ... ..	118
TURE): Belgium ... ..	46	— (HAT MAKING): France ...	59
— MAKING: United States ...	107	— HAIR: France ... ..	62
BASALT WORKERS: Holland ...	41	BOARDERS (HOSIERY):	
BASIN ATTENDANTS (SILK REEL-		United States ... ..	117
ING): Italy ... ..	75, 76, 158	BOATMEN: Switzerland ... ..	69
BASKET MAKING: Denmark 23, 24, 132		BOBBIN BOYS (COTTON MILLS):	
BASTERS (CLOTHING):		United States ... ..	116
France ... ..	59	— MAKERS: Sweden ... ..	9, 10, 128
United States ... ..	117	BODY MAKERS (CARRIAGE BUILD-	
BEAMERS (LEATHER):		ERS): United States ... ..	118
United States ... ..	118	BOILER ATTENDANTS:	
BEATERS-OUT (BOOT AND SHOE):		German Empire ... ..	34
United States ... ..	117	— CLEANERS:	
BESSEMER STEEL MANUFACTURE:		Belgium ... ..	49
Belgium ... ..	43	German Empire ... ..	37, 141, 142
BEVELLERS, GLASS: Austria ...	82	— MAKERS:	
BEVERAGES, MANUFACTURE OF		Austria ... ..	83, 84
CARBONATED:		Belgium ... ..	43, 45
United States ... ..	100, 110	France ... ..	58, 152, 154
BICYCLE MAKERS:		German Empire ... ..	34, 38, 143
United States ... ..	105, 106	Switzerland ... ..	67, 73, 74
BILLETERS (METAL):		United States ... ..	97, 103, 158
United States ... ..	115	BOILER MAKERS' HELPERS:	
BINDERS, <i>see</i> BOOKBINDERS.		German Empire ... ..	34
BISULPHIDE OF CALCIUM PRO-		Switzerland ... ..	67
DUCTERS (CELLULOSE FAC-		United States ... ..	97-102
TORIES): Norway ... ..	7	BOILERS (CELLULOSE FACTORIES):	
BLACKSMITHS:		Norway ... ..	7
Denmark ... ..	13, 25, 133	— SUGAR: France ... ..	62
United States ... ..	95, 97-103,	BOLTERS (FOOD TRADES): France	62
115, 118, 158		BOLT MAKERS:	
BLACKSMITHS' HELPERS:		Belgium ... ..	46, 150
United States ... ..	97-102, 115, 118	France ... ..	152
BLANKET MAKERS: Austria ...	81	BONE WORKERS:	
BLASTERS: Switzerland ... ..	69	Austria ... ..	82
BLASTFURNACE WORKERS:		German Empire ... ..	143, 144
Austria ... ..	79, 80	Switzerland ... ..	157
Belgium ... ..	42	United States ... ..	109, 110
France ... ..	55, 56	BONNET MAKERS: France	59, 154
German Empire ... ..	141-143	BOOKBINDERS:	
Sweden ... ..	9, 10, 128	Denmark ... ..	14, 19, 20, 131
BLEACHERS (CELLULOSE FAC-		France ... ..	60, 155
TORIES): Norway ... ..	7	German Empire ... ..	38
— (PAPER MAKING):		Norway ... ..	5
United States ... ..	118	Sweden ... ..	9, 10, 128
— (STRAW GOODS):		Switzerland ... ..	68, 71, 72
United States ... ..	117	United States ... ..	107, 108
— (TEXTILE):			
Austria ... ..	81		
France ... ..	154		
Switzerland ... ..	68		
United States ... ..	107, 108, 117		

	Page		Page
<b>BOOT AND SHOE MAKERS :</b>		<b>BREAKERS, STONE :</b> Switzerland ...	69
Austria ... ..	81	— SUGAR : France ...	61, 153
Denmark ... ..	14, 17, 18, 130	<b>BREWERIES, WORKPEOPLE IN :</b>	
France ... ..	55, 56, 59, 152-154	Austria ... ..	82
Japan ... ..	121, 122	Denmark ... ..	12, 14, 21, 22, 132
Norway ... ..	5	France ... ..	61, 62, 153, 155
Sweden ... ..	9, 10, 128	German Empire ...	39, 143, 144
Switzerland ... ..	69	Norway ... ..	6
United States ...	103, 107, 108, 117, 120, 159, 161	Sweden ... ..	9, 10, 128
— LABOURERS : Norway ...	5	Switzerland ... ..	69
<b>BOOT FACTORIES :</b> Denmark ...	14, 17	United States ... ..	104
<b>BOOT TREES :</b> United States ...	117	<b>BREWERY MAIDS :</b> Denmark ...	12
<b>BOBBER (METAL TRADES) :</b>		<b>BRICKLAYERS :</b>	
Austria ... ..	83, 84	Belgium ... ..	42, 43, 46, 51, 53, 54, 151
Belgium ... ..	44, 46	Denmark ... ..	15, 16, 129
German Empire ... ..	34	France ... ..	152, 154
Switzerland ... ..	67, 73, 74	German Empire ...	37, 39
<b>BOTTLE SHAKERS (CHAMPAGNE</b>		Holland ... ..	41
<b>MAKING) :</b> France ... ..	62	Norway ... ..	5
<b>BOTTOMERS (BOOT AND SHOE</b>		Switzerland ... ..	69
<b>MAKERS) :</b> United States ...	117	United States ... ..	97-103, 158
<b>BOX MAKERS AND ASSISTANTS</b>		<b>BRICKLAYERS' LABOURERS :</b>	
<b>(METAL) :</b> Belgium ... ..	44	Belgium ... ..	42, 53, 54
— CARDBOARD :		Holland ... ..	41
Austria ... ..	83	Norway ... ..	5
Denmark ... ..	14	<b>BRICKMAKING :</b>	
— (GLASS MAKING) :		Austria ... ..	82
Belgium ... ..	50, 51, 151	Belgium ... ..	51
— (PAPER) :		Denmark ... ..	132
United States ... ..	107, 108	France ... ..	55, 56, 153, 155
— (WOODEN) :		German Empire ...	40, 143, 144
France ... ..	155	Japan ... ..	123, 124
United States ... ..	107, 108	Sweden ... ..	9, 10, 128
<b>BOYS AND LADS :</b>		Switzerland ... ..	69
Belgium ... ..	51	United States ...	109, 110, 120, 161
Denmark ... ..	12	<b>BRICKMASONS AND HELPERS</b>	
France ... ..	63-66	<b>(METAL WORKS) :</b> United States	115
German Empire ...	27, 28, 32, 136	<b>BRIDGE-KEEPERS (RAILWAY) :</b>	
Hungary ... ..	85	German Empire ...	29
United States ... ..	115-120	<b>BRIDLE MAKERS :</b> France ...	62
<b>BRAID MANUFACTURE :</b> France ...	154	<b>BRIQUETTE MAKERS, COAL :</b>	
<b>BRAKESMEN (RAILWAY) :</b>		Sweden ... ..	9, 10, 128
German Empire ... ..	29	<b>BRONZE WORKS :</b>	
Switzerland ... ..	71-74	Austria ... ..	81
United States ... ..	95	Belgium ... ..	47, 150
<b>BRANDY DISTILLERS, see DIS-</b>		Denmark ... ..	15, 16
<b>TILLERIES.</b>		France ... ..	152, 154
<b>BRASS FOUNDERS :</b>		<b>BROOM MAKERS, see BRUSH</b>	
Austria ... ..	83, 84	<b>MAKERS.</b>	
Belgium ... ..	43	<b>BROWNEES (GUN MANUFACTURE) :</b>	
France ... ..	57, 152, 154	Belgium ... ..	46
— MOULDERS :		<b>BRUSH MAKERS :</b>	
Belgium ... ..	43	Austria ... ..	82
France ... ..	57	Denmark ... ..	14, 23, 24, 132
United States ... ..	115, 158	France ... ..	55, 56, 155
— WORKERS :		United States ... ..	109, 110
France ... ..	152, 154	<b>BUCKLE MAKING :</b>	
United States ... ..	120, 161	United States ... ..	120, 161
<b>BRAZIERS AND LABOURERS :</b>		<b>BUFFERS (BOOT AND SHOE</b>	
Denmark ... ..	13, 15, 16, 130	<b>MAKERS) :</b> United States ...	117

	Page		Page
<b>BUILDERS' LABOURERS :</b>		<b>CANDLE MAKERS :</b>	
Belgium... ..	53, 54	Austria ... ..	82
Holland ... ..	41	France ... ..	55, 56
Norway ... ..	5	German Empire ...	141-143
United States ...	99-102, 115	Switzerland ... ..	69
<b>BUILDING MATERIALS MANU-FACTURE :</b>	United States 109, 110	United States ...	109, 110
— <b>TRADES :</b>		<b>CANDY MAKERS :</b>	Austria ... 82
Belgium... ..	53, 54	<b>CANE, WORKERS IN :</b>	
Denmark ... ..	13, 15, 16, 129	Denmark ... ..	23, 24, 132
France ... ..	55-57, 152, 154	United States ...	109, 110
German Empire ...	37, 141-143	<b>CANVAS WEAVERS :</b>	France ... 154
Japan ... ..	121, 122	<b>CAP MAKERS :</b>	
Holland ... ..	41, 145-148	Sweden ... ..	9, 10, 128
Norway ... ..	4, 5	United States ...	120, 161
Sweden ... ..	9, 128	<b>CAPTAINS (DREDGING WORKS) :</b>	
Switzerland ... ..	69	Holland ... ..	41
United States ...	97-103, 105, 106, 115, 158	<b>CARBONATED BEVERAGES, MANUFACTURE OF :</b>	United States 109, 110
<b>BUNCH MAKERS (CIGAR MAKING) :</b>		<b>CARDBOARD WORKERS :</b>	
United States ...	104, 159	Austria ... ..	82
<b>BUNDLERS (TEXTILE) :</b>		Denmark ... ..	14
Belgium... ..	47, 49	France ... ..	60, 153, 155
United States ...	116	Switzerland ... ..	68, 70
<b>BURIAL CASE AND CASKET MAKING :</b>		<b>CARDERS, CARDMINDERS AND CARDBROOM OPERATIVES :</b>	
United States ...	107	Belgium... ..	49
<b>BURLERS (WOOLLEN AND WORSTED) :</b>		France ... ..	58
Belgium... ..	49	Switzerland ... ..	68
United States ...	116	United States ...	116, 117
<b>BURNISHERS (METAL) :</b>	France ... 58	<b>CARMEN, see CARTERS.</b>	
— (WOOD) :	France ... 60	<b>CARPENTERS :</b>	
<b>BUSHELLERS (DOCK LABOUR) :</b>		Belgium... ..	50, 51, 53, 54, 151
German Empire ...	37, 141, 142	Denmark 13, 15, 17, 25, 129, 130, 133	
<b>BUTCHERS :</b>		France ... ..	57
Denmark ... ..	14, 21, 22	German Empire ...	34, 37, 38
Norway ... ..	6	Holland ... ..	41
<b>BUTTER MAKERS :</b>	France... .. 155	Japan ... ..	121-124
<b>BUTTON MAKERS :</b>		Norway ... ..	4, 5
Austria ... ..	81, 82	Switzerland ... ..	69, 73, 74
France ... ..	152, 154	United States 95-103, 115, 117, 158	
United States ...	109, 110, 120, 161	<b>CARPENTERS' LABOURERS :</b>	
<b>BY-TURN MEN (WOOD PULP AND CELLULOSE FACTORIES) :</b>		Belgium... ..	53, 54
Norway ... ..	7	United States ...	115
<b>C.</b>		<b>CARPENTERS, SHIP :</b>	
<b>CABINET MAKERS :</b>		Denmark ... ..	17
Austria ... ..	82	Norway ... ..	4-6
Denmark ... ..	14, 19, 20	<b>CARPET MANUFACTURE :</b>	
France ... ..	55, 56, 60, 153, 155	Austria ... ..	81
Japan ... ..	123, 124	France ... ..	154
Norway ... ..	5	United States ...	107, 108, 117
United States 97-102, 104, 118, 159		<b>CARRIAGE BUILDERS :</b>	
— <b>MAKERS' LABOURERS :</b>		France ... ..	60
France ... ..	60	United States ...	107, 118, 120, 161
Norway ... ..	5	— <b>CLEANERS (RAILWAY) :</b>	
<b>CALCIUM BISULPHIDE PRODUCERS (CELLULOSE FACTORIES) :</b>		Switzerland ...	70-74
Norway ... ..	7	— <b>DEPARTMENT, WORKPEOPLE IN (RAILWAY) :</b>	Russia ... 1
		— <b>EXAMINERS (RAILWAY) :</b>	
		German Empire ...	29, 137-140
		Switzerland ... ..	71-74

	Page		Page
CARRIAGE LIFTERS (RAILWAY):		CHASERS (JEWELLERY, WATCH	
German Empire ... ..	34	AND CLOCK): Belgium ...	46, 150
CARRIAGE-PART MAKERS:		CHEESEMAKERS: France ...	63, 155
United States ... ..	118, 120, 161	CHEMICAL TRADES:	
CARRIERS, BREAD: France ...	61	Austria ... ..	82
— (GLASS MAKING):		Denmark ... ..	21, 22, 131
Belgium ... ..	50, 51, 151	France ... ..	55, 56, 61, 153, 155
CART BUILDING:		German Empire 33, 35, 40, 141-144	
Denmark ... ..	21, 22, 131	Holland ... ..	145-148
Switzerland ... ..	68	Norway ... ..	7
CARTERS:		Sweden ... ..	9, 10, 128
Belgium ... ..	53, 54	Switzerland ... ..	69, 157
Denmark ... ..	19	United States ... ..	107-110
Hungary ... ..	85	CHEMISTS, MANUFACTURING:	
Italy ... ..	75, 76	France ... ..	155
Norway ... ..	4, 7	CHICOBY MANUFACTURE:	
Switzerland ... ..	69, 71	Denmark ... ..	23, 24, 132
CARVERS (GUN MANUFACTURE):		France ... ..	155
Belgium ... ..	46	CHIMNEY BUILDERS: France	57, 152
— WOOD:		— REPAIRERS: France ...	152
Denmark ... ..	19, 20, 131	— SWEEPS:	
France ... ..	60	Denmark ... ..	14, 23, 24
German Empire ... ..	38	Switzerland ... ..	73, 74
United States ... ..	104, 118, 159	CHINA MANUFACTURE:	
CASUAL MEN (RAILWAY):		France ... ..	153, 155
Switzerland ... ..	70	German Empire ... ..	143, 144
CATTLE, MEN IN CHARGE OF:		CHIPPERS (METAL):	
Denmark ... ..	12	Belgium ... ..	45-47
CAUSTIC SODA PRODUCERS (CELLU-		France ... ..	58
LOSE FACTORIES): Norway ...	7	United States ... ..	115
CEILING PLASTERERS AND		CHLORINE MACHINE MEN (UN-	
LABOURERS: Belgium ... ..	53, 54	TINNING TINPLATES):	
CELLARMEN (BREWERY):		Belgium ... ..	46, 150
German Empire ... ..	39	CHOCOLATE MAKING:	
United States ... ..	104, 159	Austria ... ..	82
CELLULOID MANUFACTURE:		Denmark ... ..	23, 24
Switzerland ... ..	68, 70	France ... ..	61, 155
CELLULOSE FACTORY WORKMEN:		German Empire ... ..	143, 144
Norway ... ..	7	Switzerland ... ..	69
CEMENT MAKING:		Sweden ... ..	9, 10, 128
France ... ..	55, 56, 155	CHOPPERS, WOOD: Switzerland	69
German Empire ... ..	143	CHUCKERS (ENGINEERING):	
Sweden ... ..	9, 10, 128	United States ... ..	115
Switzerland ... ..	69	CIGAR MANUFACTURE:	
United States ... ..	109, 110	Austria ... ..	83
CEREALS, PREPARATION OF:		Denmark ... ..	14, 23, 24
France ... ..	153	German Empire ... ..	36
CHAIN MAKERS:		Norway ... ..	6
Belgium ... ..	46, 150	United States ... ..	104, 109, 110, 159
Switzerland ... ..	67	— SORTERS: Denmark ...	23, 24
CHAIR MAKERS:		CIGARETTE MAKERS: Austria	83
France ... ..	155	CLARIFIERS (SUGAR REFINERIES):	
United States ... ..	118	France ... ..	61
CHALK MANUFACTURE:		CLAY, WORKERS IN:	
Switzerland ... ..	69	German Empire ... ..	143
CHAMOIS DRESSERS: Denmark	23, 24, 132	Switzerland ... ..	69, 157
CHAMPAGNE MAKERS: France	62	CLEANERS:	
CHARGEMEN (CORN MILLING):		Belgium ... ..	49-51
German Empire ... ..	89	Denmark ... ..	15, 16, 129
CHARGERS (BLASTFURNACES):		France ... ..	152
Belgium ... ..	42	German Empire ... ..	29, 37, 139-142



	Page		Page
CLEANERS— <i>cont.</i>		COAL WHEELERS:	
Italy ... ..	75, 76, 158	Belgium ... ..	50, 51, 151
Switzerland ... ..	70-74	Denmark ... ..	23, 24
United States ... ..	115	Norway ... ..	7
CLEAVERS, WOOD: Switzerland ...	68	COALIES, <i>see</i> COAL PORTERS.	
CLERKS, GENERAL OFFICE (RAIL- WAY): United States ... ..	96	COCK MAKERS (BRASS): France 152, 154	
CLICKERS (BOOT AND SHOE):		COFFEE SUBSTITUTES MANUFAC- TURE: Austria ... ..	82
France ... ..	59	COFFIN MAKING: United States ...	107
CLOCK MAKERS:		COKE FILLERS (BLASTFURNACES):	
Belgium ... ..	46, 150	Belgium ... ..	42
Denmark ... ..	17, 18, 130	WORKS:	
France ... ..	58, 154	Denmark ... ..	21, 22, 131
Switzerland ... ..	73, 74, 157	France ... ..	155
United States ... ..	105, 106	COLOUR MAKERS: United States 109, 110	
CLOSERS (BOOT AND SHOE): France	59	COMBINATION LOCK MAKERS:	
CLOTH DRESSERS AND LAPPERS:		Belgium ... ..	44
Belgium ... ..	48, 50	COMBERS (TEXTILE):	
MANUFACTURE:		Belgium ... ..	48
Austria ... ..	81	France ... ..	58, 154
France ... ..	59, 154	COMB MAKERS (FOR TEXTILE TRADES): Austria ... ..	81
Switzerland ... ..	70	COMPASS MAKERS: Denmark 17, 18, 130	
ROOM OPERATIVES (COT- TON MILLS): United States ...	116	COMPOSITORS:	
TRADE, LEATHER:		Denmark ... ..	19, 20, 131
Holland ... ..	145-148	France ... ..	60
CLOTHING TRADES:		German Empire ... ..	38
Austria ... ..	81	Japan ... ..	123, 124
Denmark ... ..	17-20, 25, 130, 133	United States 97-102, 104, 118, 159	
France ... ..	55, 56, 59, 152, 154	CONCRETERS: Denmark ...	15, 16, 129
German Empire ... ..	141-144	CONDUCTORS (RAILWAY):	
Holland ... ..	145-148	United States ... ..	95, 96, 101
Japan ... ..	121	CONFECTIONERS:	
Sweden ... ..	9, 10, 128	Denmark ... ..	14, 21, 22, 132
United States ... ..	103, 107, 108, 113, 117, 159	France ... ..	61, 62, 155
COACH BUILDING:		German Empire ... ..	134
Denmark ... ..	14, 21, 22, 131	CONGLOMERATED SUBSTANCES	
France ... ..	55, 56, 155	MANUFACTURE (CHEMICAL):	
German Empire ... ..	38	France ... ..	155
Holland ... ..	145-148	CONSTRUCTION DEPARTMENT MEN (RAILWAYS): Russia ...	1
Switzerland ... ..	68	COOKING APPARATUS MANUFAC- TURE: United States ...	105, 106
COAL BRIQUETTE MAKERS:		COOKS:	
Sweden ... ..	9, 10, 128	France ... ..	61
CARRIERS (STEEL MAKING):		Denmark ... ..	12
Belgium ... ..	43	COOPERS:	
MINES, WORKPEOPLE IN:		Denmark ... ..	14, 19, 20, 131
Austria ... ..	77-80	France ... ..	55, 56, 155
Belgium ... ..	52, 151	German Empire ... ..	38, 39
France ... ..	57, 64, 154, 156	Japan ... ..	123, 124
German Empire ... ..	30-32, 135, 136	Norway ... ..	5
Italy ... ..	75, 76	Switzerland ... ..	68
Sweden ... ..	9, 128	United States ... ..	104, 159
PORTERS:		COOPERS' LABOURERS: Norway ...	5
Denmark ... ..	19, 20, 131	COPPER FOUNDERS:	
German Empire ... ..	37, 141, 142	France ... ..	57, 152, 154
Switzerland ... ..	71	MOULDERS: France ...	57
STORES WORKMEN (RAIL- WAY): Switzerland ... ..	71-74	COPPERPLATE PRINTERS: France	60
TRIMMERS:			
German Empire ... ..	141, 142		



## 302

**E.**

	Page		Page
<b>EMERY CLOTH AND PAPER MAKERS:</b>			
United States ... ..	109, 110		
<b>ENAMELLED IRON PRINTERS:</b>			
France ... ..	58		
<b>ENGINE CLEANERS:</b>			
German Empire ... ..	29, 139, 140		
Switzerland ... ..	71-74		
— <b>DRIVERS:</b>			
France ... ..	59		
Holland ... ..	41		
Switzerland ... ..	71, 72		
United States ( <i>see</i> Engineers and Enginemen).			
<b>ENGINEERING WORKS, OPERATIVES</b>			
IN. ( <i>See also</i> MACHINISTS.)			
Austria ... ..	81, 83, 84		
Belgium ... ..	43-46, 150		
Denmark ... ..	13, 15-18, 130		
France ... ..	55, 56, 152, 154		
German Empire ... ..	38, 40, 141, 142		
Norway ... ..	4, 5		
Sweden ... ..	9, 10, 128		
Switzerland ... ..	157		
United States ... ..	105		
<b>ENGINEERS (<i>see also</i> MACHINISTS):</b>			
German Empire ... ..	39		
United States 95, 101, 104, 115-118,	159		
— (SEAGOING): Norway ... ..	6		
<b>ENGINEMEN:</b>			
Belgium ... 42, 43, 45, 46, 48, 49, 51,	150, 151		
France ... ..	57		
German Empire 34, 37-39, 141, 142			
Holland ... ..	41		
Italy ... ..	75, 76		
Switzerland ... ..	67		
United States ... ..	95, 96, 118		
<b>ENGINE TENDERS, <i>see</i> ENGINEMEN.</b>			
<b>ENGRAVERS (GLASS):</b>			
Belgium ... ..	52		
France ... ..	61		
United States ... ..	118		
— (METAL): Belgium ... ..	46		
— (PRINTING):			
France ... ..	60		
United States ... ..	104, 159		
<b>ERECTORS:</b>			
Belgium ... ..	44-46		
France ... ..	58		
German Empire ... ..	34, 38		
Switzerland ... ..	67, 73, 74		
<b>EXAMINERS (GUN MANUFACTURE):</b>			
Belgium ... ..	46, 150		
— (RAILWAY):			
German Empire ... ..	29, 137, 140		
Switzerland ... ..	71-74		
<b>EXCAVATORS: Denmark ... ..</b>	15, 16, 129		
<b>EXPLOSIVES MAKERS:</b>			
France ... ..	155		
German Empire ... ..	143, 144		
		<b>F.</b>	
		<b>FAIENCE MANUFACTURE (PORCE-</b>	
		<b>LAIN): Denmark ... ..</b>	21, 22, 132
		<b>FANCY ARTICLES MANUFACTURE:</b>	
		Austria ... ..	82
		Denmark ... ..	14
		France ... ..	153, 155
		United States ... ..	109, 110
		<b>FARM BAILIFFS:</b>	
		France ... ..	63
		— <b>LABOURERS, <i>see</i> AGRICUL-</b>	
		<b>TURAL LABOURERS.</b>	
		— <b>SERVANTS:</b>	
		Denmark ... ..	12
		France ... ..	63
		<b>FARRIERS: Norway ... ..</b>	6
		<b>FAT, WORKERS IN:</b>	
		France ... ..	153
		German Empire ... ..	141-143
		<b>FEATHER TRADES:</b>	
		Austria ... ..	82
		France ... ..	152
		<b>FEDERS (PRESSE): United States</b>	104, 159
		<b>FELT MAKING: France ... ..</b>	154
		— <b>HAT MAKERS:</b>	
		Austria ... ..	81
		France ... ..	59
		<b>FERRY BOAT STAFF AND WORK-</b>	
		<b>MEN (RAILWAY): German Empire</b>	29
		<b>FERTILISERS MANUFACTURE, <i>see</i></b>	
		<b>MANURE MANUFACTURE.</b>	
		<b>FIBRE, WORKERS IN:</b>	
		Denmark ... ..	14, 23, 24, 132
		France ... ..	55, 56, 155
		United States ... ..	109, 110
		<b>FILE CUTTERS: Denmark ... ..</b>	15, 130
		— <b>MAKERS: France ... ..</b>	154
		<b>FILERS: Belgium ... ..</b>	45-47
		<b>FILLERS (BLASTFURNACES):</b>	
		Austria ... ..	79, 80
		— (GLASS MAKING):	
		Belgium ... ..	50
		— (SUGAR REFINERIES):	
		France ... ..	61
		— (ZINC WORKS):	
		Belgium ... ..	46, 150
		<b>FINISHERS (BOOT AND SHOE):</b>	
		United States ... ..	103, 117, 159
		— (CABINET MAKERS):	
		United States ... ..	118
		— (CLOTHING):	
		United States ... ..	117
		— (FELT HAT): France ... ..	59
		— (FUR): United States ... ..	103, 159

	Page		Page
<b>FINISHERS (LEATHER):</b>		<b>FLESHING-MACHINE MINDERS:</b>	
United States ... ..	118	France ... ..	62
— (METAL):		<b>FLINT GLASS MAKERS:</b>	
Belgium ... ..	43	Belgium ... ..	52, 151
United States ... ..	115	<b>FLOATING EQUIPMENT EM-</b>	
— (MUSICAL INSTRUMENTS):		<b>PLOYEES (RAILWAY):</b>	
United States ... ..	118	United States ... ..	96
— (PAPER MAKING):		<b>FLOCK PAPER MAKERS: France ...</b>	60
United States ... ..	118	<b>FLOUR MILLERS, see MILLERS.</b>	
— (STAY MAKERS): France ...	59	<b>FLOWER MAKERS, ARTIFICIAL:</b>	
— (TAILORS): United States	117	France ... ..	59, 152, 154
<b>FINISHERS (TEXTILE):</b>		<b>FLY FRAME TENDERS (TEXTILE):</b>	
Austria ... ..	81	United States ... ..	116
Belgium ... ..	48	<b>FOLDERS (PRINTING AND BIND-</b>	
France ... ..	58, 59, 154	<b>ING): France ... ..</b>	60
Switzerland ... ..	68	— (YARN, CLOTH, &C.):	
United States ... ..	116, 117	France ... ..	58
<b>FIREARMS MANUFACTURE, see ARMS</b>		<b>FOOD TRADES:</b>	
<b>MANUFACTURE.</b>		Austria ... ..	82
<b>FIRE BRICK MAKERS: Austria ...</b>	82	Denmark ... ..	14, 21-24, 132
<b>FIRE ENGINE MAKERS: Austria ...</b>	81	France ... ..	55, 56, 61, 62, 153, 155
<b>FIREMEN:</b>		German Empire ...	134, 141-144
France ... ..	61	Holland ... ..	145-148
German Empire ... ..	29	Norway ... ..	6
Switzerland ... ..	71-74	Sweden ... ..	9-11, 127, 128
United States ... ..	95, 96, 101, 104, 116-118, 159	Switzerland ... ..	69, 157
<b>FISHERMEN: Japan ... ..</b>	123, 124	United States ... ..	104, 109, 110, 119, 159, 160
<b>FITTERS (BOOT AND SHOE):</b>		<b>FOOTMAKERS (GLASS MAKING):</b>	
United States ... ..	103, 117, 159	United States ... ..	118
— GAS:		<b>FOREMEN:</b>	
France ... ..	55, 152	Belgium ... ..	46, 150
United States ... ..	115	Denmark ... ..	12
— (METAL):		German Empire 29, 34, 37, 39, 137-140	
Austria ... ..	81, 83, 84	Holland ... ..	41
Belgium ... ..	42-46, 50	Switzerland ... ..	67-69, 71-74
Denmark ... ..	15, 16, 130	United States ... ..	95, 96, 118, 119
France ... ..	58	<b>FORGERS (METAL):</b>	
German Empire ... ..	34, 38, 39	German Empire ... ..	143
Holland ... ..	41	<b>FOUNDRIES (METAL), WORK-</b>	
Norway ... ..	7	<b>PEOPLE IN:</b>	
Switzerland ... ..	67, 73, 74	Austria ... ..	83, 84
United States ... ..	115	Belgium ... ..	43-45
<b>FIXERS (PURSE MAKERS): France</b>	62	France ... ..	57, 152, 154
<b>FLAG MAKERS: Denmark ... ..</b>	17, 18, 130	German Empire ... ..	38
<b>FLAGMEN (RAILWAY):</b>		Sweden ... ..	9, 10, 128
United States ... ..	95, 96	United States ... ..	115, 120, 161
<b>FLATTENERS (GLASS MAKING):</b>		<b>FRAME GILDERS: France ... ..</b>	60
Belgium ... ..	50, 51, 151	— MAKERS: Austria ... ..	82
<b>FLATTENING-KILN GIRLS (GLASS</b>		— SPINNERS (TEXTILE):	
<b>MAKING): Belgium ... ..</b>	51, 151	United States ... ..	116, 117
<b>FLATTENING-KILN LADS (GLASS</b>		— TENTERS AND WORKERS	
<b>MAKING): Belgium ... ..</b>	51	<b>(TEXTILE):</b>	
<b>FLAX INDUSTRY:</b>		Belgium ... ..	47
Austria ... ..	81	France ... ..	58
Belgium ... ..	49, 151	United States ... ..	116
France ... ..	154	<b>FRENCH POLISHERS: France ...</b>	60
United States ... ..	103, 106	<b>FUEL MOVERS (CELLULOSE FAC-</b>	
<b>FLEECE-STRIPPERS: France ...</b>	154	<b>TORIES): Norway ... ..</b>	7

	Page		Page
FUEL WORKERS, PATENT :		GAS WORKS :	
France ... ..	55, 56	Austria ... ..	82
FULLERS (FUR AND LEATHER) :		Denmark ... ..	23, 24, 132
France ... ..	62	France ... ..	55, 56, 155
German Empire ... ..	39	German Empire ... ..	29, 143
— (TEXTILE TRADES) :		Holland ... ..	145-148
Belgium ... ..	48	Sweden ... ..	9
France ... ..	58, 154	Switzerland ... ..	69
United States ... ..	116	GATHERERS (GLASS MAKING) :	
FUR TRADES :		Belgium ... ..	50, 51, 151
Denmark ... ..	14, 23, 24, 132	United States ... ..	118
France ... ..	62, 153, 155	GAUZE MAKERS, WIRE : France ...	152
Norway ... ..	6	GENERAL ADMINISTRATION STAFF	
United States ... ..	103, 159	(RAILWAY) :	
FURNACE CLEANERS (GLASS MAK- ING) : Belgium ... ..	50	German Empire ... ..	29, 137-140
— FILLERS (GLASS MAK- ING) : Belgium ... ..	50	Switzerland ... ..	71-74
— LABOURERS (ZINC WORKS) : Belgium ... ..	46, 150	— HANDS (TEXTILE) :	
— LIGHTERS (CHEMICAL TRADES) : France ... ..	61	United States ... ..	116
FURNACEMEN :		— LABOURERS :	
Belgium ... ..	46, 46, 150	Belgium ... ..	53, 54
France ... ..	61	Japan ... ..	123, 124
FURNISHING TRADES :		United States ... ..	97-102, 104, 159
Austria ... ..	82	— SERVANTS : Denmark ...	12
Denmark ... ..	14, 19-22, 131	GIGGERS (TEXTILE) : United States	116
France ... ..	55, 56, 153, 155	GILDERS (METAL) :	
Japan ... ..	123, 124	Belgium ... ..	47
Norway ... ..	5	France ... ..	152
United States ... ..	97-102, 104, 118, 159	— (WOODWORK) :	
FURNITURE MAKERS (IRON) :		Denmark ... ..	21, 22, 131
France ... ..	152	France ... ..	60
— MAKERS (WOOD) :		GIRDER MAKERS : France ...	154
France ... ..	55, 56	GIRLS :	
United States ... ..	107, 108	Belgium ... ..	51
FURRIERS, see FUR TRADES.		France ... ..	63-66
		German Empire ... ..	27, 28, 32, 136
G.		Hungary ... ..	85
GAFFERS (GLASS MAKERS) :		Italy ... ..	75, 76, 158
United States ... ..	118	United States ... ..	115-120
GAMES MAKERS, CHILDREN'S :		GLASS BEVELLERS : Austria ...	82
United States ... ..	109, 110	— BOTTLE MAKERS :	
GANGERS :		Austria ... ..	82
Belgium ... ..	46, 150	France ... ..	155
Switzerland ... ..	71-74	— CARRIERS : Belgium ...	51, 151
GARDENERS :		— CUTTERS :	
Denmark ... ..	19, 20, 131	Belgium ... ..	50-52, 151
France ... ..	63	France ... ..	61
Japan ... ..	121, 122	— MAKING TRADES :	
GAS FITTERS :		Austria ... ..	82
France ... ..	55, 152	Belgium ... ..	50-52, 151
United States ... ..	115	Denmark ... ..	21, 22, 131
GAS FITTINGS MAKERS :		France ... ..	55, 56, 61, 151, 153, 155
Belgium ... ..	47, 150	German Empire ... ..	33
France ... ..	152	Holland ... ..	145-148
GAS INSTALLATION TINSMITHS :		Norway ... ..	4
Denmark ... ..	13	Sweden ... ..	9, 10, 128
GAS - PRODUCER MEN (GLASS MAKING) : Belgium ... ..	50, 51, 151	United States ... ..	109, 110, 118
		— WREATH WORKERS :	
		France ... ..	61
		GLAZIERS :	
		Belgium ... ..	53, 54
		Denmark ... ..	13, 15, 16, 129
		Sweden ... ..	9, 128
		United States ... ..	115

	Page		Page
GLAZIERS' LABOURERS :			
Belgium ... ..	53 54		
GLOVEMAKING :			
Denmark ... ..	14, 17, 18, 130		
France ... ..	55, 56, 152-154		
GLUE MAKING :			
Austria ... ..	82		
United States ... ..	107, 108		
GOLD BEATERS : France ... ..	58, 152		
— MELTERS : France ... ..	152		
GOLDSMITHS :			
Belgium ... ..	46, 47, 150		
Denmark ... ..	13, 17, 18, 130		
GOLD WORKERS :			
Belgium ... ..	46, 47, 150		
Denmark ... ..	13, 17, 18, 130		
France ... ..	58, 152		
United States ... ..	115		
GOODS PORTERS (RAILWAY) :			
German Empire ... ..	29		
Switzerland ... ..	71		
— SHED LEADING HANDS :			
German Empire ... ..	29		
— YARDS, MEN AT :			
German Empire ... ..	137-140		
GOVERNMENT CONTRACTS, WORK- PEOPLE ON, <i>see</i> PUBLIC CON- TRACTS.			
— EMPLOYEES :			
Austria ... ..	83		
Denmark ... ..	23-25, 132, 133		
France ... ..	55, 56, 65, 153, 155		
German Empire ... ..	29, 34, 137-140		
GRANITE CUTTERS : Denmark ... ..	15, 129		
GRAPE SUGAR MAKERS :			
France ... ..	62, 155		
GREASE MAKERS : United States ... ..	109, 110		
GRINDERS (METAL) :			
Belgium ... ..	45		
Switzerland ... ..	67		
— (TEXTILE) :			
Belgium ... ..	47, 150		
United States ... ..	115		
— (WOOD PULP FACTORIES) :			
Norway ... ..	7		
GUARDS (RAILWAY) :			
Switzerland ... ..	71-74		
GUN MANUFACTURE, <i>see</i> ARMS MANUFACTURE :			
GUNSTOCK MAKERS : Belgium ... ..	46		
GUT CLEANERS : Denmark ... ..	23, 24, 132		
GUTTA PERCHA MANUFACTURE :			
Austria ... ..	82		
France ... ..	155		
		H.	
		HACKLERS (FLAX) : Belgium ... ..	49
		HACKLE SETTERS (LINEN) :	
		Belgium ... ..	49, 50
		HAIR BLOWERS (FUR TRADE) :	
		France ... ..	62
		— CUTTERS (FUR TRADE) :	
		France ... ..	62
		— DRESSERS : Denmark ... ..	14, 23, 24
		— WORKERS :	
		Austria ... ..	82
		United States ... ..	109, 110
		HALF-SOOUERS (BRONZE WORK, &c.) :	
		Belgium ... ..	47
		HAMMERMEN :	
		Belgium ... ..	42, 43, 45
		United States ... ..	115
		HAMMERMEN'S HELPERS : Belgium ... ..	42
		HAND-KNITTERS : Denmark ... ..	17, 18
		HARDWARE MANUFACTURE :	
		United States ... ..	120, 161
		HARNES MAKERS :	
		France ... ..	62, 155
		Japan ... ..	123, 124
		United States ... ..	109, 110
		HATMAKING :	
		Austria ... ..	81
		Denmark ... ..	14, 19, 130
		France ... ..	59, 154
		Norway ... ..	5
		Sweden ... ..	9, 10, 123
		United States ... ..	120, 161
		HATMAKERS' LABOURERS : Norway ... ..	5
		HAULIERS (WOOD PULP FACTORIES) :	
		Norway ... ..	7
		HEAD OFFICE STAFF (RAILWAY) :	
		Switzerland ... ..	71-74
		HEALD MAKERS (TEXTILE) :	
		Belgium ... ..	49, 50
		HEATERS, METAL, <i>see</i> FOUNDRIES.	
		HEATING APPARATUS MANUFAC- TURE : United States ... ..	105, 106
		HEELERS (BOOT AND SHOE) :	
		United States ... ..	117
		HELPERS, BRICKMASONS' :	
		United States ... ..	115
		— (GLASS MAKING) :	
		Belgium ... ..	50
		— (METAL TRADES) :	
		Belgium ... ..	42, 44
		United States ... ..	98-102, 115
		— (TEXTILE) :	
		Belgium ... ..	47
		Switzerland ... ..	68
		HEMP MANUFACTURE :	
		France ... ..	154
		United States ... ..	106, 106

	Page
<b>HEWERS :</b>	
Austria ... ..	77
Belgium ... ..	52, 151
German Empire ... ..	30, 31, 135
Italy ... ..	76
Switzerland ... ..	69
<b>HIDE TRADES :</b> France ... ..	153
<b>HOD CARRIERS :</b> United States ... ..	97-102
<b>HOLLOW-WARE TURNERS :</b> France ... ..	58
<b>HORN WORKERS :</b>	
Switzerland ... ..	157
United States ... ..	109, 110
<b>HORSEKEEPERS (AT FARMS) :</b>	
Denmark ... ..	12
<b>HOSE MANUFACTURE, LINEN AND</b>	
<b>RUBBER :</b> United States ... ..	109, 110
<b>HOSIERY MACHINERY MAKERS :</b>	
Austria ... ..	81
<b>HOSIERY MANUFACTURE :</b>	
Austria ... ..	81
France ... ..	58, 59, 152, 154
United States ... ..	107, 108, 117, 120, 161
<b>HOUSE BREAKERS :</b> Holland ... ..	41
<b>— CLEANERS :</b>	
Denmark ... ..	15, 16, 129
<b>HOUSEKEEPERS AND HOUSEMAIDS</b>	
<b>(AT FARMS) :</b> Denmark ... ..	12
<b>HOUSE PAINTERS, see PAINTERS.</b>	

## I.

<b>ILLUMINATING FLUIDS MANUFACTURE :</b> United States ... ..	107, 108
<b>IMPLEMENTS MANUFACTURE, see</b>	
<b>under AGRICULTURAL.</b>	
<b>INCLINE MEN (MINES) :</b> France ... ..	57
<b>INDIA RUBBER TRADES :</b>	
Austria ... ..	82
France ... ..	55, 56, 153, 155
German Empire ... ..	40, 143, 144
United States ... ..	109, 110, 119, 120, 161
<b>INK MAKERS :</b> France ... ..	153
<b>INSPECTION STAFF (RAILWAY) :</b>	
German Empire ... ..	29
Switzerland ... ..	71-74
<b>INSTRUMENT MAKERS (see also</b>	
<b>MUSICAL, OPTICAL, SCIENTIFIC</b>	
<b>and SURGICAL) :</b>	
Denmark ... ..	130
German Empire ... ..	141, 142
<b>IRON DRESSERS :</b>	
Switzerland ... ..	67
<b>IRONFOUNDERS :</b>	
Belgium ... ..	43
Denmark ... ..	13
France ... ..	57, 152, 154
German Empire ... ..	143, 144
United States ... ..	120, 161

## Page

<b>IRON MANUFACTURE, WORKPEOPLE</b>	
<b>EMPLOYED IN :</b>	
Austria ... ..	79, 80
Belgium ... ..	42, 150
France ... ..	55, 56, 58, 152, 154
German Empire ... ..	141-143
Sweden ... ..	9, 10, 128
United States ... ..	115, 120, 161
<b>— MINING :</b>	
Austria ... ..	77-80
France ... ..	154
Sweden ... ..	9, 10, 128
<b>— MOULDERS :</b>	
Austria ... ..	79-81, 83, 84
Belgium ... ..	43
France ... ..	57
Norway ... ..	5
United States ... ..	98-103, 115, 158
<b>— MOULDERS' HELPERS :</b>	
United States ... ..	93-102
<b>— PRESSERS :</b> Belgium ... ..	46
<b>— SORTERS :</b> Belgium ... ..	46, 150
<b>IRONWORKERS :</b>	
Denmark ... ..	25, 133
Holland ... ..	41
<b>ISINGLASS MANUFACTURE :</b>	
United States ... ..	107, 108
<b>IVORY WORKERS :</b>	
German Empire ... ..	143, 144
United States ... ..	109, 110

## J.

<b>JACK FRAME TENDERS (TEXTILE) :</b>	
United States ... ..	116
<b>JAM MANUFACTURE :</b>	
Denmark ... ..	23, 24, 132
France ... ..	155
<b>JAPANNERS :</b> German Empire ... ..	34
<b>JEWELLERS :</b>	
Belgium ... ..	46, 47, 150
France ... ..	152, 154, 155
German Empire ... ..	35
Japan ... ..	121, 122
Switzerland ... ..	157
United States ... ..	105, 106
<b>JOINERS :</b>	
Belgium ... ..	43, 46, 50, 53
Denmark ... ..	13, 15, 18, 25, 129, 130, 133
France ... ..	57
German Empire ... ..	34, 37-39
Norway ... ..	7
Switzerland ... ..	68, 73, 74
United States ... ..	97, 99
<b>JOINERS' LABOURERS :</b> Belgium ... ..	53, 54



	Page		Page
<b>JOINERY WORKS, OPERATIVES IN :</b>		<b>LAMP MAKERS :</b> France ...	152
Austria ...	82	<b>LAMPMEN (RAILWAY) :</b>	
Denmark ...	19, 131	Switzerland ...	71-74
France ...	55, 153-155	<b>LAPPERS, CLOTH :</b> Belgium ...	50
German Empire ...	35	<b>LAST MAKERS (METAL) :</b>	
Sweden ...	9, 10	United States ...	105, 106
<b>JUTE INDUSTRY :</b>		<b>LASTERS (BOOT AND SHOE) :</b>	
Austria ...	81	United States ...	103, 159
France ...	154	<b>LAUNDRIES, WORKERS IN :</b>	
German Empire ...	143, 144	Denmark ...	23, 24, 132
United States ...	105, 106	<b>LAYERS-ON (PRINTING) :</b> France...	60
<b>K.</b>			
<b>KAOLIN MANUFACTURE :</b>		<b>LEADING HANDS :</b>	
United States ...	109, 110	German Empire ...	29, 39
<b>KEEPPERS (BLASTFURNACES) :</b>		Switzerland ...	69
Austria ...	79, 80	<b>LEAD PRODUCTS MANUFACTURE :</b>	
Belgium ...	42	German Empire ...	143
<b>KEG MAKING :</b> United States ...	107	<b>LEATHER CLOTH TRADE :</b>	
<b>KILNMEN :</b>		Holland ...	145-148
France ...	61	TRADES :	
United States ...	118	Austria ...	82
<b>KNEADERS (BAKING) :</b> France ...	61	Denmark ...	23, 24, 132
MASS (PORCELAIN) :		France ...	55, 56, 62, 153, 155
France ...	61	German Empire ...	141-144
<b>KNIFEMEN (LEATHER TRADES) :</b>		Holland ...	145-148
United States ...	118	Sweden ...	9, 10, 123
<b>KNITTING (HAND AND MACHINE) :</b>		Switzerland ...	157
Denmark ...	17, 18	United States 109, 110, 118, 120, 161	
United States 107, 108, 117, 120, 161		WORK, OPERATIVES ON	
<b>KNOTTERS (TEXTILE) :</b> Belgium... 49		(INDIA RUBBER GOODS) :	
<b>KNUB PREPARERS (TEXTILE) :</b>		United States ...	119
Italy ...	75, 76, 158	<b>LETTER-PAPER MAKERS :</b> France 60	
<b>L.</b>			
<b>LABOURERS :</b>		<b>LEVEL CROSSING KEEPERs :</b>	
Austria ...	79, 80, 83, 84	Denmark ...	25
Belgium... 42-51, 53, 54, 150, 151		France ...	66
Denmark ... 12, 15-25, 131-133		German Empire ...	137-140
France ...	57-63	Switzerland ...	70-72
German Empire ... 27, 28, 34, 37, 141, 142		<b>LEVER MAKERS (GUN MANU-FACTURE) :</b> Belgium ...	46
Holland ...	41	<b>LIGHTERMEN :</b>	
Hungary ...	85	German Empire ...	36, 141, 142
Japan ...	121-124	<b>LIGHTING APPARATUS MANU-FACTURE :</b> United States 105, 106	
Norway ...	4-7	<b>LIGNITE MINERS :</b>	
Russia ...	1-3	Austria ...	77-80
Sweden ...	8	France ...	57, 64, 154
Switzerland ...	67-70, 73, 74	German Empire 30-32, 135, 136	
United States ... 86-102, 104, 115-118, 159		<b>LIME BURNING :</b>	
<b>LACE CURTAIN, &amp;C., WEAVERS :</b>		Austria ...	82
France ...	58	Denmark ...	21, 22, 132
INDUSTRY : France... 154		France ...	61, 155
<b>LACQUER GOODS MAKERS :</b>		Sweden ...	9, 10, 123
Japan ...	123, 124	United States ...	109, 110
<b>LADS, &amp;C. BOYS.</b>		<b>LIMERS (LEATHER TRADES) :</b>	
		United States ...	118
		<b>LIMESTONE BREAKERS (BLAST-FURNACES) :</b> Belgium ...	42
		QUARRYMEN : Sweden ...	9, 128
		<b>LINE-WATCHERS (RAILWAY) :</b>	
		Switzerland ...	71-74

	Page		Page
<b>LINEN INDUSTRY :</b>		<b>MACHINE MINDERS, FLESHING :</b>	
Austria ... ..	81	France ... ..	62
Belgium ... ..	49, 50, 151	— <b>MINDERS AND TENDERS</b>	
German Empire ... ..	143, 144	(PAPER-MAKING):	
Switzerland ... ..	157	France ... ..	60
<b>LIQUORS, MANUFACTURE OF :</b>		United States ... ..	118
United States ... ..	109, 110	— <b>MINDERS (PRINTING) :</b>	
<b>LITHOGRAPHIC PRINTERS :</b>		France ... ..	60
Austria ... ..	81	German Empire ... ..	38
Denmark ... ..	14, 19, 20, 131	United States ... ..	118
France ... ..	60	— <b>MINDERS (TEXTILE) :</b>	
Switzerland ... ..	68, 71, 72	France ... ..	59
<b>LOADERS (CELLULOSE FACTORIES):</b>		— <b>MINDERS (WOOD PULP</b>	
Norway ... ..	7	<b>FACTORIES):</b> Norway ... ..	7
— (MINING): Italy ... ..	76	— <b>SAWYERS :</b> France ... ..	60
<b>LOCK FILERS (GUN MANUFACTURE):</b>		— <b>SEWERS :</b> United States ... ..	117
Belgium ... ..	46	<b>MACHINERY ATTENDANTS (BLAST-FURNACES):</b> Belgium ... ..	42
<b>LOCKSMITHS :</b>		<b>MACHINISTS (CLOTHING) :</b>	
Austria ... ..	81	France ... ..	59
Belgium ... ..	44, 46	United States ... ..	117
France ... ..	58, 152	— (METAL) :	
German Empire ... ..	34	Denmark ... ..	15, 16, 25, 130, 133
Switzerland ... ..	67	France ... ..	58
<b>LOCOMOTIVE DEPARTMENT, WORK-PEOPLE IN (RAILWAY) :</b>		German Empire ... ..	139, 140
Russia ... ..	1	United States ... ..	95-103, 115, 158
Switzerland ... ..	71-74	— (STRAW GOODS) :	
— <b>FIREMEN :</b>		United States ... ..	117
German Empire ... ..	29	— (TEXTILE) :	
— <b>STAFF :</b>		United States ... ..	117
German Empire ... ..	137-140	— (WOODWORKING) :	
<b>LOOKING-GLASS MAKERS :</b>		France ... ..	60
Austria ... ..	32	United States ... ..	104, 159
France ... ..	60, 155	<b>MACHINISTS' HELPERS (METAL) :</b>	
<b>LUBRICATORS (WOOD PULP AND CELLULOSE FACTORIES) :</b>		United States ... ..	97-102
Norway ... ..	7	<b>MAIDS (FARM-HOUSE SERVANTS) :</b>	
<b>LUGGAGE DESPATCHERS AND PORTERS (RAILWAY) :</b>		Denmark ... ..	12
German Empire ... ..	29	<b>MAJOLICA, WORKERS IN :</b> Austria ... ..	82
Switzerland ... ..	71, 72	<b>MAKERS READY (PRINTING) :</b>	
<b>LUMBER TRADE, WORKPEOPLE IN :</b>		France ... ..	60
Norway ... ..	7	<b>MALTMEN AND MALTSTERS :</b>	
United States ... ..	107	Denmark ... ..	14
		France ... ..	62, 155
		German Empire ... ..	39
		<b>MANAGERS (DREDGING WORKS) :</b>	
		Holland ... ..	41
		<b>MANURE MANUFACTURE :</b>	
		Switzerland ... ..	69
		United States ... ..	109, 110
		<b>MARBLE CUTTERS :</b>	
		Denmark ... ..	15, 16, 129
		France ... ..	55, 56, 154
		— <b>QUARRYMEN :</b>	
		Sweden ... ..	9, 128
		<b>MARKERS-OFF (METAL) :</b>	
		Belgium ... ..	44
		France ... ..	58
		<b>MARKET GARDENERS :</b>	
		Denmark ... ..	19, 131
		France ... ..	63

## M.

<b>MACHINE ATTENDANTS, ROLLING (PRINTING) :</b> France ... ..	60
— <b>HANDS (BOOT AND SHOE) :</b>	
United States ... ..	117
— <b>JOINERS, see JOINERY WORKS.</b>	
— <b>KNITTERS :</b> Denmark ... ..	17, 18
— <b>MAKERS :</b>	
Austria ... ..	81
Denmark ... ..	13, 25, 133
German Empire ... ..	143, 144
Holland ... ..	145-148
United States ... ..	105, 106, 115, 120, 161
<b>MACHINE MINDERS (CELLULOSE FACTORIES) :</b> Norway ... ..	7

	Page		Page
<b>MASONS :</b>		<b>MILITARY UNIFORM TAILORS, <i>see</i></b>	
Belgium ...	51, 53, 54	<b>ARMY CLOTHING MANUFACTURE</b>	
Denmark ...	13, 15, 16, 129		
France ...	57, 152, 154	<b>MILKMAIDS : Denmark</b> ...	12
German Empire ...	37, 39	<b>MILK TRADE, <i>see</i> DAIRYING TRADES</b>	
Holland ...	41	<b>MILL CONSTRUCTION :</b>	
Italy ...	75, 76	German Empire ...	38
Norway ...	5	<b>MILLERS :</b>	
Switzerland ...	69	Austria ...	82
United States ...	95, 97-100, 102, 103, 115, 158	Denmark ...	14, 21, 22, 132
<b>MASONS' ASSISTANTS : France</b> ...	57	France ...	61, 62, 155
<b>LABOURERS :</b>		German Empire ...	36, 39, 143
Belgium ...	53, 54	Norway ...	6
Holland ...	41	Sweden ...	9, 10, 128
Norway ...	5	Switzerland ...	69
United States ...	115	<b>MILLINERS : France</b> ...	59, 152
<b>MATCH FACTORIES :</b>		<b>MILLING-MACHINE MEN :</b>	
Denmark ...	21, 22, 131	Austria ...	83, 84
France ...	65	Belgium ...	44, 45
Norway ...	4	France ...	53
Sweden ...	9, 10, 128	Switzerland ...	67, 73, 74
<b>MATES, FIRST (SEAMEN) : Norway</b> ...	6	<b>MILLMEN (CABINET AND MUSICAL INSTRUMENT MAKING) :</b>	
<b>MATMAKERS : Japan</b> ...	123, 124	United States ...	118
<b>McKAY OPERATORS (BOOT AND SHOE) : United States</b> ...	117	<b>MILLMEN, ROLLING (METAL) :</b>	
<b>MEALMEN (FOOD TRADES) : France</b> ...	62	Austria ...	81
<b>MECHANICS AND ARTISANS :</b>		Belgium ...	42
Denmark ...	25, 133	German Empire ...	143
German Empire ...	29, 37	<b>MILL-STONE MANUFACTURE :</b>	
Norway ...	7	Austria ...	82
United States ...	116, 118	<b>MILL WORKERS (DREDGING) :</b>	
<b>MECHANICS' LABOURERS :</b>		Holland ...	41
United States ...	116	<b>MILLWRIGHTS :</b>	
<b>MEDICINES, MANUFACTURE OF :</b>		German Empire ...	39
United States ...	107, 108	United States ...	103, 118, 158
<b>MENDERS (EMBROIDERY) : France</b> ...	59	<b>MINE FILLERS (BLASTFURNACES) :</b>	
<b>(HOSIERY) :</b>		Belgium ...	42
France ...	59	<b>MINERAL WATERS MANUFACTURE :</b>	
United States ...	117	Denmark ...	23, 24, 132
<b>(STRAW GOODS) :</b>		France ...	153
United States ...	117	United States ...	109, 110
<b>MESSENGERS (RAILWAY) :</b>		<b>MINERS :</b>	
Switzerland ...	71-74	Austria ...	77-80
<b>METAL MINING :</b>		Belgium ...	52, 151
Austria ...	77-80	France ...	55-57, 64, 154, 156
France ...	154	German Empire ...	30-32, 135, 136, 141, 142
German Empire ...	30-32, 135, 136	Holland ...	145-148
Italy ...	75, 76	Italy ...	75, 76
Sweden ...	9, 10, 128	Japan ...	121, 122
<b>METAL TRADES :</b>		Norway ...	4
Austria ...	79-81, 83, 84	Sweden ...	9, 10, 128
Belgium ...	42-47, 150	<b>MIRROR MANUFACTURE :</b>	
Denmark ...	13, 15-18, 25, 130, 133	France ...	58
France ...	55-58, 152, 154	<b>MIXERS (GLASS MAKING) :</b>	
German Empire ...	34, 38, 40, 141-144	Belgium ...	50, 51, 151
Holland ...	41, 145-148	United States ...	118
Japan ...	121, 122	<b>MODEL MAKERS :</b>	
Norway ...	4, 5	France ...	163
Sweden ...	9, 10, 128	United States ...	105, 106
Switzerland ...	67, 73, 74, 157	<b>MONUMENTAL STONE CUTTERS :</b>	
United States ...	97-103, 105, 106, 111, 115, 120, 158, 161	United States ...	105



	Page		Page
<b>PAINTERS :</b>		<b>PEG MAKERS (BOOT AND SHOE) :</b>	
Belgium ... ..	45, 53, 54	Sweden ... ..	9, 10, 128
Denmark ... ..	13, 15, 16, 129	<b>PERMANENT WAY MEN (RAIL- WAYS) :</b>	
France ... ..	57, 60, 152	German Empire ...	29, 137-140
German Empire ...	37, 141, 142	Russia ... ..	1
Holland ... ..	41	Switzerland ... ..	70-74
Norway ... ..	5	<b>PETROLEUM WORKS :</b>	
Sweden ... ..	9, 128	Denmark ... ..	21, 22, 131
Switzerland ... ..	69, 73, 74	France ... ..	155
United States ...	95, 97-103, 115, 118, 158	<b>PEWTEEBERS : Denmark</b>	13
<b>PAINTERS' LABOURERS : Norway</b>	5	<b>PHOTOGRAPHERS :</b>	
<b>PAINT MANUFACTURE :</b>		Denmark ... ..	14
United States ...	109, 110	United States ...	107, 108
<b>PALM LEAF WORKERS :</b>		<b>PHOTOGRAPHIC MATERIALS MANU- FACTURE : United States</b>	107, 108
United States ...	107, 108	<b>PIANOFORTE MANUFACTURE :</b>	
<b>PANTALON MAKERS : United States</b>	117	Denmark ... ..	21, 22, 131
<b>PAPERFIXERS AND PAPERHANGERS :</b>		<b>PICKERS (TEXTILE) :</b>	
German Empire ...	37	United States ...	115, 116
Japan ... ..	121	<b>PIECERS (TEXTILE) :</b>	
United States ...	115	Belgium ... ..	47
<b>PAPER MAKING TRADES :</b>		France ... ..	58, 59
Austria ... ..	82	Switzerland ... ..	68, 70
Denmark ... ..	19, 20, 131	<b>PIG IRON MANUFACTURE, <i>see</i> BLASTFURNACE WORKERS.</b>	
France ... ..	55, 56, 60, 153, 155	— <b>LIFTERS AND UNLOADERS (BLASTFURNACES) : Belgium</b>	42
German Empire ...	36, 141-144	<b>PILOTS : Holland</b>	41
Holland ... ..	145, 148	<b>PIN MAKERS : United States</b>	120, 161
Japan ... ..	123, 124	<b>PIPE LAYING : France</b>	152
Sweden ... ..	9, 10, 128	— <b>MAKERS (EARTHENWARE) :</b>	
Switzerland ... ..	68, 70, 157	Switzerland ... ..	69
United States ...	104, 107, 108, 118, 120, 159, 161	United States ...	109, 110
<b>PAPER STAINING : Denmark</b>	19	<b>PITCH BOILERS : German Empire</b>	143
<b>PARQUET LAYERS : German Empire</b>	38	<b>PIT SAWYERS : France</b>	60
— <b>MAKERS :</b>		<b>PLANERS (METAL) :</b>	
France ... ..	60, 153	Austria ... ..	83, 84
German Empire ...	38	Belgium ... ..	44, 45
Switzerland ... ..	68	France ... ..	58
<b>PASTE MANUFACTURE, FLOUR MIL- LING AND : German Empire</b>	143	German Empire ...	34
<b>PASTRYCOOKS : France</b>	61, 155	Holland ... ..	41
<b>PATENT FUEL WORKERS : France</b>	55, 56	Switzerland ... ..	67, 73, 74
— <b>STONE MANUFACTURE :</b>		— <b>SUGAR : France</b>	61
Austria ... ..	82	— <b>WOOD : France</b>	60
<b>PATTERN MAKERS :</b>		<b>PLANING WORKS, OPERATIVES IN :</b>	
Austria ... ..	83, 84	Norway ... ..	6
Belgium ... ..	43, 45	Sweden ... ..	9, 10, 128
Denmark ... ..	15, 16, 130	<b>PLANISHERS, METAL :</b>	
France ... ..	57	Belgium ... ..	43
German Empire ...	34, 38	France ... ..	58
United States ...	97, 103, 105, 115, 158	<b>PLANKERS (HAT MAKING) : France</b>	59
<b>PAVING CUTTERS : United States</b>	115	<b>PLASTER BLOCKMAKERS (STRAW GOODS) : United States</b>	117
<b>PAVIORS :</b>		— <b>MAKERS :</b>	
Belgium ... ..	53, 54	Switzerland ... ..	69
Denmark ... ..	15, 129	United States ...	109, 110
France ... ..	57, 152	— <b>WORKERS :</b>	
Norway ... ..	5	United States ...	109, 110
<b>PAVIORS' ASSISTANTS : France</b>	57		
— <b>LABOURERS : Belgium</b>	53, 54		
<b>PEAT FACTORY WORKERS :</b>			
Sweden ... ..	9, 10, 128		

	Page		Page
<b>PLASTERERS :</b>		<b>PORCELAIN MANUFACTURE :</b>	
Belgium ... ..	...53, 54	Austria ... ..	82
Denmark ... ..	15, 16, 129	Denmark ... ..	21, 22, 132
German Empire ... ..	37	France ... ..	61
Japan ... ..	121, 123	German Empire ... ..	143, 144
Switzerland ... ..	69	Sweden ... ..	9, 10, 128
United States ... ..	115	<b>PORTERS :</b>	
<b>PLASTERERS' LABOURERS :</b>		Denmark ... ..	19, 20, 131
Belgium ... ..	...53, 54	France ... ..	61
United States ... ..	115	German Empire ... ..	29, 37, 141, 142
<b>PLATE GLASS MAKERS : France ...</b>	<b>155</b>	Holland ... ..	41
— <b>MAKERS (METAL) :</b>		Russia ... ..	1
Belgium ... ..	46	Switzerland ... ..	70-74
— <b>ROLLERS (METAL) :</b>		<b>POTTERY TRADES :</b>	
France ... ..	152, 154	Austria ... ..	82
— <b>WORKERS (METAL) :</b>		Denmark ... ..	21, 22, 131
Sweden ... ..	9, 10, 128	France ... ..	55, 56, 61, 153, 155
<b>PLATELAYERS (RAILWAYS) :</b>		German Empire ... ..	40, 143, 144
Denmark ... ..	25	Japan ... ..	123, 124
France ... ..	59	Sweden ... ..	9, 10, 128
Switzerland ... ..	70-72	Switzerland ... ..	69
<b>PLATERS (METAL) :</b>		United States ... ..	109, 110
Denmark ... ..	17, 18, 130	<b>POUCH MAKERS : Japan ...</b>	<b>123, 124</b>
France ... ..	152	<b>POURERS, METAL, see FOUNDRIES.</b>	
United States ... ..	105, 106, 120, 161	<b>POWER (ELECTRIC) GENERATING</b>	
<b>PLOUGHMEN : France ...</b>	<b>63</b>	<b>STATIONS, WORKMEN AT :</b>	
<b>PLUCKERS, VEGETABLE : France ...</b>	<b>61</b>	German Empire ... ..	29
<b>PLUMBERS :</b>		<b>PRECIOUS METALS, WORKING IN :</b>	
Belgium ... ..	...53, 54	France ... ..	55, 154
Denmark ... ..	15, 16, 130	— <b>STONE POLISHERS :</b>	
France ... ..	57, 152, 154	Austria ... ..	82
Norway ... ..	7	<b>PREFABERS (CELLULOSE FAC-</b>	
United States ... ..	97-102, 115	<b>TORIES) : Norway ...</b>	<b>7</b>
<b>PLUMBERS' LABOURERS :</b>		— <b>(TEXTILE) :</b>	
Belgium ... ..	...53, 54	France ... ..	59
<b>POINTERS (BRICKWORK) : Belgium</b>	<b>46</b>	Switzerland ... ..	68
<b>POINTSMEN :</b>		<b>PREFABERS (WOOD PULP FAC-</b>	
France ... ..	59	<b>TORIES) : Norway ...</b>	<b>7</b>
Germany ... ..	29, 137-140	<b>PRESERVE MANUFACTURE : France</b>	<b>155</b>
Norway ... ..	7	<b>PRESSERS (CELLULOSE FAC-</b>	
Switzerland ... ..	71-74	<b>TORIES) : Norway ...</b>	<b>7</b>
<b>POLISH MANUFACTURE :</b>		— <b>(CLOTHING TRADES) :</b>	
United States ... ..	109, 110	France ... ..	59
<b>POLISHERS (GLASS) :</b>		United States ... ..	117
United States ... ..	118	— <b>(GLASS MAKING) :</b>	
— <b>(METAL) :</b>		United States ... ..	118
Belgium ... ..	47	— <b>(OIL) : Japan ...</b>	<b>123, 124</b>
France ... ..	58	— <b>(STRAW GOODS) :</b>	
United States ... ..	115	United States ... ..	117
— <b>(PRECIOUS STONES) :</b>		— <b>(WOOD PULP FACTORIES) :</b>	
Austria ... ..	82	Norway ... ..	7
— <b>(STONE) :</b>		<b>PRESS FEEDERS (PRINTING) :</b>	
Denmark ... ..	13	United States ... ..	118, 159
France ... ..	152	<b>PRESSMEN (PRINTING) :</b>	
Sweden ... ..	9, 128	Denmark ... ..	19, 20, 131
United States ... ..	115	France ... ..	60
— <b>(WOOD) :</b>		Japan ... ..	123, 143
France ... ..	60	United States ... ..	104, 118, 159
United States ... ..	118	— <b>(TEXTILE TRADES) :</b>	
		United States ... ..	117
		<b>PRINTERS, ENAMELLED IRON :</b>	
		France ... ..	58

	Page
<b>PRINTERS (TEXTILE):</b>	
Austria ... ..	81
Switzerland ... ..	68
United States ... ..	107, 108
<b>PRINTING AND ALLIED TRADES:</b>	
Austria ... ..	81
Denmark ... ..	14, 19, 20, 131
France ... ..	55, 56, 60, 153, 155
German Empire ... ..	38, 40, 141-144
Holland ... ..	145-148
Japan ... ..	123
Norway ... ..	5, 127
Sweden ... ..	9, 10, 128
Switzerland ... ..	68, 71, 72, 157
United States ... ..	97-102, 104, 107, 108, 118, 159
<b>PRISM GLASS MAKERS:</b> Austria ... ..	82
<b>PROOF READERS:</b> United States ... ..	118
<b>PUBLIC AUTHORITIES' EMPLOYEES:</b>	
Austria ... ..	83
Denmark ... ..	23-25, 132, 133
France ... ..	55, 56, 65, 153, 155
German Empire ... ..	29, 34, 137-140
<b>PUBLIC CONTRACTS, WORKPEOPLE</b>	
ENGAGED ON:	
Belgium ... ..	53, 54
Holland ... ..	41, 149
WORKS CONSTRUCTION,	
WORKPEOPLE ENGAGED ON:	
France ... ..	55, 56, 152, 154
<b>PUBLISHING TRADE:</b>	
United States ... ..	107, 108
<b>PUDDLERS:</b>	
Belgium ... ..	42
France ... ..	154
United States ... ..	115
<b>PULLEY BLOCK MAKERS (WOOD):</b>	
Denmark ... ..	14
<b>PULP MAKERS:</b>	
Austria ... ..	82
Norway ... ..	4, 7
Sweden ... ..	9, 10, 128
Switzerland ... ..	68, 70
<b>PUMP MAKERS:</b> Austria ... ..	81
<b>PUNCHERS:</b>	
Belgium ... ..	44
France ... ..	58
German Empire ... ..	34
<b>PURSE MAKERS:</b>	
France ... ..	62
Japan ... ..	123, 124
<b>PUSHERS (GLASS MAKING):</b>	
Belgium ... ..	51, 151
<b>PUTTERS (MINING):</b>	
Austria ... ..	79
Belgium ... ..	52, 151
France ... ..	57

	Page
<b>Q.</b>	
<b>QUARRYMEN:</b>	
France ... ..	55-57, 154
German Empire ... ..	37, 143
Sweden ... ..	9, 128
Switzerland ... ..	69
United States ... ..	105, 115, 120, 161
<b>QUILLERS (INDIA RUBBER GOODS):</b>	
United States ... ..	119
<b>QUILT MANUFACTURE:</b> France ... ..	152
<b>R.</b>	
<b>RAFTSMEN, TIMBER:</b> Norway ... ..	7
<b>RAG ENGINE TENDERS (PAPER</b>	
<b>TRADES):</b> United States ... ..	118
WORKERS (PAPER MAK-	
ING):	
France ... ..	60
Switzerland ... ..	68, 70
United States ... ..	118
<b>RAIL-MILL MEN (STEEL MAKERS):</b>	
Belgium ... ..	43
<b>RAILROAD CONSTRUCTORS:</b>	
Russia ... ..	1
United States ... ..	105, 106
EQUIPMENT, WORKPEOPLE	
ENGAGED ON: United States ... ..	105, 106
<b>RAILWAY BOYS (TEXTILE):</b>	
United States ... ..	116
MEN (MINING): France ... ..	57
SERVANTS:	
Denmark ... ..	23-25, 132, 133
France ... ..	55-57, 59, 66
German Empire ... ..	29, 34, 137-140
Russia ... ..	1
Switzerland ... ..	70-74
United States ... ..	95, 96, 101
WORKSHOPS, OPERATIVES	
IN:	
Denmark ... ..	23-25, 132
France ... ..	59
German Empire ... ..	29, 34, 137-140
Switzerland ... ..	73, 74
United States ... ..	95, 96, 101
<b>READERS (PRINTING):</b>	
France ... ..	60
United States ... ..	118
<b>REED MAKERS (TEXTILE):</b>	
Belgium ... ..	49, 50
<b>REELERS (TEXTILE):</b>	
Belgium ... ..	49
Italy ... ..	75, 76, 158
Switzerland ... ..	70
United States ... ..	116

Digitized by Google



	Page		Page
SAUSAGE MAKING :		SEWERS, MACHINE (STRAW	
Denmark ...	14, 21, 22, 132	Goods) : United States ...	117
SAWMILLS, WORKPEOPLE IN :		— UPHOLSTERY :	
Austria ...	82	United States ...	118
Denmark ...	19, 20, 131	SEWING COTTON MANUFACTURE :	
France ...	55, 56, 153, 155	France ...	59, 152
Norway ...	4, 6	— GIRLS : United States	117, 119
Sweden ...	9, 10, 128	— MACHINE FACTORIES :	
SAW SHARPENERS : France	58	Denmark ...	13
SAWYERS :		— MACHINISTS (CLOTHING) :	
France ...	60	France ...	59
Japan ...	123, 124	— MACHINISTS (SADDLERY) :	
Switzerland ...	68	France ...	62
United States ...	104, 159	SHAFTING BANDS REPAIRERS :	
SCHIST MINERS : France	154	Switzerland ...	67
SCIENTIFIC APPLIANCES MANU-		SHAKERS, BOTTLE (CHAMPAGNE	
FACTURE : United States	105, 106	MAKING) : France ...	62
— INSTRUMENT MAKERS :		SHAVERS (LEATHER) :	
Denmark ...	13, 17, 18	United States ...	118
France ...	152, 154	SHEARERS (TEXTILE) :	
United States ...	105, 106	United States ...	116
SCOURERS, HALF (METAL) :		SHEET GLASS MAKERS :	
Belgium ...	47	Austria ...	82
— (TEXTILE) : United States	116	Belgium ...	50, 51, 151
SCREEN MAKERS : Japan	121, 122	— IRON WORKERS : France	57, 152
SCREW MAKERS : Belgium	46	— PAINTERS AND VARNISHERS	
SCRIBBLERS (TEXTILE) : Belgium	49	(METAL) : France ...	58
SCULPTURE AND ART WORKERS :		SHELL WORKERS : United States	109, 110
Holland ...	145-148	SHEPHERDS :	
SCUTCHERS (COTTON) :		France ...	63
Belgium ...	47	Denmark ...	12
Japan ...	121, 122	SHINGLERS (METAL) : United States	115
Switzerland ...	68	— (ROOF) : Japan	121, 122
SEAMEN :		SHIPBUILDING TRADES :	
Denmark ...	25	Austria ...	81
German Empire ...	26	Denmark ...	13, 15-18, 25, 130, 133
Norway ...	6	France ...	55, 56, 155
SEAMSTRESSES (CLOTHING) :		German Empire ...	40, 141, 142
Denmark ...	19, 20	Holland ...	145-148
France ...	59	Sweden ...	9, 128
— (TAPESTRY) : France	59	United States ...	105, 106
SECOND HANDS (COTTON) :		SHIPBUILDING YARD LABOURERS :	
United States ...	116	Denmark ...	18
SECTION HANDS (TEXTILE) :		SHIP CARPENTERS :	
United States ...	116, 117	Denmark ...	17, 18, 130
SEDIMENT REMOVERS (OHAM-		Japan ...	123
PAGNE MAKING) : France	62	Norway ...	4-6
SERVANTS, DOMESTIC : Norway	6	— CLEANERS :	
— FARM :		German Empire ...	37, 141, 142
Denmark ...	12	— JOINERS : Denmark	17, 18, 130
France ...	63	— PAINTERS :	
Sweden ...	8	German Empire ...	37, 141, 142
— GENERAL : Denmark	12	— SMITHS : Denmark	17, 18, 130
SERVITORS (GLASS MAKERS) :		SHIPWRIGHTS : Holland	41
United States ...	118	SHIRT MAKERS : Sweden	9, 10, 128
SETTERS, STONE :		SHODDY MANUFACTURE :	
France ...	57	United States ...	105, 106
Holland ...	41	SHOEMAKERS, <i>see</i> BOOT AND SHOE	
SETTERS-UP (METAL) :		MAKERS.	
United States ...	115		

	Page		Page
SHOEMAKING, WOODEN :		SLOTTERS (METAL) :	
Denmark ... ..	17, 18, 130	Austria ... ..	83, 84
Japan ... ..	121, 122	Switzerland ... ..	73, 74
SHOESMITHS : Belgium ... ..	44	SLUBBERS (TEXTILE) :	
SHOPMEN (RAILWAY) :		United States ... ..	116
United States ... ..	96	SMELTERS :	
SHUNTERS :		France ... ..	58, 154
German Empire ... ..	29, 137-140	German Empire ... ..	141-143
Switzerland ... ..	71-74	Sweden ... ..	9, 10, 128
SIGHT FILERS (GUN MANUFACTURE) : Belgium ... ..	46	SMITHS :	
SIGNALMEN :		Austria ... ..	81, 83, 84
France ... ..	59	Belgium ... ..	42-46, 49-51, 150, 151
German Empire ... ..	29, 137-140	Denmark ... ..	15, 16, 150
Russia ... ..	1	France ... ..	58
Switzerland ... ..	71-74	German Empire ... ..	34, 38, 50
SIGN PAINTERS :		Holland ... ..	41
Denmark ... ..	13	Japan ... ..	121, 122
France ... ..	154	Norway ... ..	5, 7
SILK INDUSTRY :		Switzerland ... ..	67, 73, 74
Austria ... ..	81	—— SHIP : Denmark ... ..	17, 18, 130
France ... ..	58, 154	SMITHS' ASSISTANTS :	
German Empire ... ..	143, 144	Belgium ... ..	44-46, 150
Italy ... ..	75, 76, 158	—— LABOURERS : Norway ... ..	5
Japan ... ..	121-124	—— STRIKERS :	
Switzerland ... ..	68, 157	Austria ... ..	83, 84
United States ... ..	105, 106, 120, 161	Belgium ... ..	42-46, 50, 51, 150, 151
SILKWORM REARERS Japan ... ..	123, 124	France ... ..	53
SILVER PLATERS, <i>see</i> PLATERS.		German Empire ... ..	34
—— SMITHS :		Switzerland ... ..	67, 73, 74
Denmark ... ..	17, 18, 130	SNUFF MANUFACTURE :	
United States ... ..	120, 161	United States ... ..	109, 110
SINKERS (METAL) : United States ... ..	115	SOAP MAKERS :	
—— WELL : France ... ..	57	Austria ... ..	82
SIZERS (TEXTILE) :		France ... ..	55, 56
Belgium ... ..	47, 150	German Empire ... ..	143
France ... ..	58	Switzerland ... ..	69
SKIN TRADES :		United States ... ..	103, 110
Austria ... ..	82	SODA (CAUSTIC) PRODUCERS	
France ... ..	55, 56, 62, 153	(CELLULOSE FACTORIES) :	
Switzerland ... ..	157	Norway ... ..	7
SKIPPERS (DREDGING WORKS) :		SOFA MAKERS : France ... ..	155
Holland ... ..	41	SORTERS (CELLULOSE FACTORIES) :	
SLAGGERS AND SLAG LOADERS		Norway ... ..	7
(BLASTFURNACES) :		—— (FOOD TRADES) : France ... ..	61
Belgium ... ..	42	—— (PAPER MAKING) :	
SLASHER TENDERS (TEXTILE) :		France ... ..	60
United States ... ..	116	Switzerland ... ..	68, 70
SLATE INDUSTRY :		United States ... ..	118
Austria ... ..	82	—— (WOOL) :	
France ... ..	154	Belgium ... ..	48
SLATERS :		United States ... ..	116, 117
Belgium ... ..	51, 53, 54, 151	SPARE HANDS (TEXTILE) :	
German Empire ... ..	37	United States ... ..	116
United States ... ..	115	SPICE MANUFACTURE : Austria ... ..	82
SLATERS' LABOURERS : Belgium ... ..	53, 54	SPINDLE-MACHINE MEN (WOOD- WORKING) : France ... ..	60
SLAUGHTERHOUSE WORKMEN :		SPINNERS (TOBACCO) :	
Denmark ... ..	21, 22, 132	Denmark ... ..	23, 24
		Norway ... ..	6

	Page		Page
<b>SPINNING MILLS, WORKPEOPLE IN:</b>		<b>STITCHERS (PRINTING AND BIND- ING):</b> France ...	60
Austria ...	81	<b>STOCK, MEN ON (PAPER MAKING):</b>	
Belgium ...	47-49, 150, 151	United States ...	118
France ...	53, 59, 154	<b>STOCKERS (METAL):</b> United States	115
German Empire ...	35	<b>STOCKING MANUFACTURE, <i>see</i> HOSIERY.</b>	
Japan ...	123, 124	<b>STOCKMEN, FARM:</b> France ...	63
Norway ...	4-6	<b>STOKERS:</b>	
Sweden ...	9, 10, 128	Belgium 42, 43, 45, 48, 49, 51, 150, 151	
Switzerland ...	63, 70	Denmark ...	23-25, 132, 133
United States ...	116, 117	France ...	57, 58, 61
<b>SPIRITS, MANUFACTURE OF, <i>see</i> DISTILLERIES.</b>		German Empire ...	37, 141, 142
<b>SPLITTERS AND ASSISTANTS (GLASS MAKING):</b> Belgium ...	50, 51, 151	Holland ..	41
— (LEATHER): United States	118	Norway ...	7
<b>SPOOLERS (TEXTILE):</b>		Switzerland ...	67
United States ...	116, 119	<b>STONECUTTERS, <i>see</i> CUTTERS (STONE).</b>	
<b>SPORTING GOODS MANUFACTURE:</b>		<b>STONE INDUSTRY:</b>	
United States ...	109, 110	Austria ...	82
<b>SPREADERS:</b> Belgium ...	49	Belgium ...	53, 54
<b>SPRING BENDERS (STEEL MAKERS):</b>		Denmark ...	13, 15, 16, 129
Belgium ...	43	France ...	55-57, 152, 154
— GRINDERS: France ...	58	German Empire ...	141-143
<b>STAINERS, PAPER:</b>		Holland ..	41, 145-148
Denmark ...	131	Japan ...	121, 122
France ...	60, 153	Sweden ...	9, 128
<b>STAMPERS (METAL):</b>		Switzerland ...	69, 157
Belgium ...	47	United States 98-102, 105, 106, 115, 120, 161	
France ...	58, 154	<b>STONEWARE MANUFACTURE:</b>	
Switzerland ...	67	France ...	61, 153, 155
<b>STARCH MAKING:</b>		Sweden ...	9, 10, 128
Austria ..	82	United States ...	109, 110
France ...	62, 155	<b>STOREKEEPERS (RAILWAY):</b>	
United States ...	107, 108	German Empire ...	29, 137, 140
<b>STATE EMPLOYEES, <i>see</i> PUBLIC AUTHORITIES.</b>		Switzerland ...	71, 72
<b>STATION AGENTS (RAILWAY):</b>		<b>STOREMEN, YARN:</b> Belgium ...	49
United States ...	96	<b>STORES OVERLOOKER (CELLULOSE FACTORIES):</b> Norway ...	7
<b>STATIONS, MEN AT (RAILWAY):</b>		<b>STOVE FITTERS:</b> Denmark ...	15, 130
German Empire ...	137-140	— MAKERS: Belgium ...	46
United States ...	96	— SMITHS: Belgium ...	44
<b>STAYMAKING:</b>		— TILE MAKERS:	
France ...	59, 152, 154	Sweden ...	9, 10, 128
United States ...	120, 161	<b>STRAP MAKERS:</b> France ...	62, 155
<b>STEAM-FITTERS:</b> United States ...	115	<b>STRAW GOODS MANUFACTURE:</b>	
<b>STEAM LAUNDRIES, WORKPEOPLE AT:</b> Denmark ...	23, 24, 132	United States ...	107, 108, 117
<b>STEARINE MANUFACTURE:</b> France	155	<b>STRAW HAT MAKING, <i>see</i> HAT MAKING.</b>	
<b>STEEL MANUFACTURE, WORK- PEOPLE EMPLOYED IN:</b>		<b>STREET LABOURERS:</b>	
Austria ...	81	United States ...	99-102
Belgium ...	43, 150	— MAINTENANCE, WORK- PEOPLE ENGAGED ON:	
France ...	55, 56, 58, 154	Switzerland ...	69
Sweden ...	9, 10, 128	<b>STRIKERS-IN (METAL):</b>	
United States ...	115	United States ...	115
<b>STEREOTYPERS:</b> France ...	60	<b>STRIPPERS (TEXTILE):</b>	
<b>STEVEDORES:</b> Norway ...	5	Belgium ...	47
<b>STICK MAKERS:</b> France ...	55, 56, 155	France ...	154
<b>STICKERS-UP (GLASS MAKING):</b>		United States ...	115, 116
United States ...	118		

	Page		Page
STRIPPERS (TOBACCO):		TAPESTRY MANUFACTURE:	
United States ... ..	104, 159	France ... ..	58, 59, 152
STRUCTURAL IRON AND STEEL		TAP MAKERS (BRASS): France	152, 154
WORK, MANUFACTURE OF:		TAR BOILERS: German Empire ...	143
France ... ..	154	TEA PREPARERS: Japan ...	121, 122
STUFF WHEELERS (CELLULOSE		TEAMSTERS:	
FACTORIES): Norway ... ..	7	United States ... ..	97-102, 115, 116
SUGAR INDUSTRY:		TEASERS (GLASS MAKING):	
Austria ... ..	82	Belgium ... ..	51, 151
Denmark ... ..	23, 24, 132	TELEGRAPH CONSTRUCTION MEN	
France ... ..	61, 62, 153, 155	(RAILWAY): Switzerland ...	73, 74
German Empire ... ..	33, 143, 144	TELEGRAPHISTS (RAILWAY):	
Sweden ... ..	9, 10, 128	German Empire ... ..	137-140
SULPHUR MINERS:		Switzerland ... ..	71, 72
France ... ..	154	United States ... ..	95, 96
Italy ... ..	76	TELEGRAPH MAINTENANCE WORK-	
SUMP HANDS (STEEL MAKERS):		MEN: German Empire ...	29, 137-140
Belgium ... ..	43	— WORKS, WORKMEN AT:	
SUPERINTENDENTS (RAILWAY):		Denmark ... ..	25, 133
Switzerland ... ..	71, 72	TELEPHONE WORKERS:	
SURFACE WORKMEN (MINES):		Denmark ... ..	17, 18, 130
France ... ..	57, 64, 156	TEMPERERS (METAL):	
German Empire ... ..	30, 32, 136, 137	Belgium ... ..	45
SURGICAL INSTRUMENT MAKERS:		France ... ..	58
Denmark ... ..	13, 17, 18, 130	TENDERS, <i>see</i> TENTERS.	
SWEEPERS (TEXTILE): Belgium ...	49	TENT MAKERS: United States	107, 108
SWEEPS (CHIMNEY):		TENTERS (TEXTILE):	
Denmark ... ..	14, 23	Belgium ... ..	47, 50
Switzerland ... ..	73	France ... ..	58
SWEETMEAT MANUFACTURE:		United States ... ..	116
Denmark ... ..	21, 22, 132	TERRACOTTA MANUFACTURE:	
German Empire ... ..	143, 144	Austria ... ..	82
SWITCHMEN (RAILWAY):		Denmark ... ..	21, 22, 131
United States ... ..	95, 96	TEXTILE TRADES:	
T.		Austria ... ..	81
TABLE GLASS MAKERS: France ...	155	Belgium ... ..	47-50, 150, 151
TABLEMEN (LEATHER):		Denmark ... ..	17, 18, 130
United States ... ..	118	France ... ..	55, 56, 58, 59, 152, 154
TAILORS:		German Empire ... ..	35, 141-144
Denmark ... ..	14, 17, 18, 130	Holland ... ..	145-148
France ... ..	59	Italy ... ..	75, 76, 158
Japan ... ..	121, 122	Japan ... ..	121-124
Norway ... ..	5	Norway ... ..	4-6
Sweden ... ..	9, 10, 128	Sweden ... ..	9, 10, 128
United States ... ..	117	Switzerland ... ..	64, 70, 157
TAILORS' LABOURERS: Norway ...	5	United States 105-108, 112, 115, 117,	120, 101
TAKERS-OFF (PRINTING): France	60	THATCHERS: Japan ... ..	121, 122
(WOOD PULP FACTORIES):		THONG MAKERS: France ...	155
Norway ... ..	7	THREADERS (EMBROIDERY):	
TALLOW MANUFACTURE:		France ... ..	52
German Empire ... ..	143	THREAD MANUFACTURE:	
United States ... ..	109, 110	Austria ... ..	81
TANNERY WORKERS:		Switzerland ... ..	68, 70
Denmark ... ..	14, 23, 24, 132	United States ... ..	106, 106
France ... ..	62, 155	THRESHER WOMEN (PAPER	
German Empire ... ..	39	MAKING): United States ...	118
Norway ... ..	6	THROSTLE SPINNERS:	
Sweden ... ..	9, 10, 128	Belgium ... ..	47
United States ... ..	118	France ... ..	59

	Page		Page
THROWSTERS (SILK) :		TOOLSMITHS : Belgium ... ..	46.
France ... ..	58, 154	TORPEDO WORKS, WORKMEN AT :	
Italy ... ..	75, 76, 158	Denmark ... ..	25, 133
TICKET COLLECTORS :		TOY MAKERS : United States	109, 110
German Empire ... ..	29, 137-140	TRACKMEN (RAILWAY) :	
— PRINTERS :		United States ... ..	96
Switzerland ... ..	71, 72	TRAFFIC DEPARTMENT, WORK-	
TILE FIXERS : German Empire ...	87	PEOPLE IN (RAILWAY) :	
— WORKS, OPERATIVES IN :		Denmark ... ..	25, 133
Austria ... ..	82	Russia ... ..	1
Denmark ... ..	21, 22, 132	Switzerland ... ..	71-74
France ... ..	55, 56, 153, 155	TRAIN STAFF, <i>see</i> RAILWAY SER-	
German Empire ... ..	40, 143, 144	VANTS.	
Norway ... ..	4, 6	TRAMWAY WORKERS :	
Sweden ... ..	9, 10	German Empire ... ..	33.
Switzerland ... ..	69	TRAMMERS (MINING) :	
United States ... ..	109, 110	Austria ... ..	79
TILERS :		Belgium ... ..	52, 151
Belgium ... ..	53, 54	France ... ..	57
German Empire ... ..	37	German Empire ... ..	30, 31, 135
Japan ... ..	121, 122	TRANSFERERS (LITHOGRAPHIC) :	
TILERS' LABOURERS : Belgium ...	53, 54	France ... ..	60
TIMBER CARTERS : Norway ...	4	TRANSPORT TRADES :	
TIMBERMEN (MINING) : France ...	57	Denmark ... ..	19, 20, 23-25, 131, 133
TIMBER RAFTSMEN : Norway ...	7	France ... ..	55, 56, 59, 66
— YARD WORKPEOPLE :		German Empire ... ..	26, 29, 53, 37,
Norway ... ..	4, 6	137-142	
Sweden ... ..	9, 10, 128	Norway ... ..	5-7
TINFOIL WORKERS (MIRROR MANU-		Russia ... ..	1
FACTURE) : France ... ..	58	Switzerland ... ..	70-74
TINPLATE WORKERS :		United States ... ..	95-102, 104, 159
Belgium ... ..	46, 150	TRICYCLE MAKERS :	
Sweden ... ..	9, 10, 128	United States ... ..	105, 106
TINSMITHS :		TRIMMERS (BOOT AND SHOE) :	
Austria ... ..	83, 84	United States ... ..	117
Denmark ... ..	13, 15, 16, 25, 130	— (CARRIAGE MAKERS) :	
France ... ..	58, 152, 154	United States ... ..	118
German Empire ... ..	34, 37	— (CLOTHING) :	
Norway ... ..	5	France ... ..	59
Switzerland ... ..	67, 73, 74	United States ... ..	117
United States ... ..	103, 158	— SKIN : France ... ..	62
TIN SORTERS (UNTINNING TIN-		— (STRAW GOODS) :	
PLATES) : Belgium ... ..	46, 150	United States ... ..	117
TINWARE FACTORIES :		TRIMMINGS MANUFACTURE :	
Denmark ... ..	13, 15, 130	Austria ... ..	81
TIPPERS (STRAW GOODS) :		Denmark ... ..	14, 17, 18, 130
United States ... ..	117	France ... ..	154
TOBACCO MANUFACTURE :		United States ... ..	109, 110
Austria ... ..	82, 83	TUBE MAKERS : German Empire ...	34
Denmark ... ..	14, 23, 24, 132	TULLE MANUFACTURE : France	58, 154
France ... ..	65	TUNERS (LINEN WEAVERS) :	
German Empire ... ..	33, 141-144	Belgium ... ..	50
Holland ... ..	145-148	— (MUSICAL INSTRUMENTS) :	
Japan ... ..	123, 124	United States ... ..	118
Norway ... ..	6	TUNNEL WATCHERS (RAILWAY) :	
Sweden ... ..	9, 10, 128	Switzerland ... ..	71, 72
United States ... ..	104, 109, 110, 159	TURBINE MEN (SUGAR) : France...	61, 62
TOOL MAKERS :		TURF-GETTERS : Holland ...	145-148
German Empire ... ..	34, 143, 144		
Holland ... ..	145-148		
Switzerland ... ..	73, 74		
United States ... ..	105, 106, 120, 161		



	Page		
<b>WATCHMEN :</b>		<b>WOOD TURNERS :</b>	
German Empire ...	29, 34	Denmark ...	19
Holland ...	41	France ...	60
Switzerland ...	71-74	<b>WOODWORKERS :</b>	
United States 96, 104, 115-117, 159		Austria ...	82
<b>WATER INSTALLATION TINSMITHS:</b>		Denmark 14, 19-22, 25, 131, 133	
Denmark ...	18	France ...	55, 56, 60, 153, 155
<b>SUPPLY WORK, WORK-PEOPLE ENGAGED IN :</b>		German Empire ...	38, 141-144
France ...	55-57, 152	Holland ...	145-148
<b>WAXERS AND WAX POLISHERS (WOODWORKING):</b>		Hungary ...	85
France ...	60	Japan ...	121-124
<b>WEAVING MILLS, WORKPEOPLE IN:</b>		Norway ...	4-7
Austria ...	81	Sweden ...	9, 10, 128
Belgium ...	47-50, 150, 151	Switzerland ...	68, 69, 157
Denmark ...	17, 18, 130	United States 97-102, 104, 107, 115, 119, 120, 159, 161	
France ...	58, 59, 152, 154	<b>WOOLLEN INDUSTRY :</b>	
German Empire ...	35	Austria ...	81
Japan ...	121-124	Belgium ...	48
Italy ...	75, 76, 158	Denmark ...	17, 18, 130
Norway ...	4-6	France ...	58, 59, 154
Sweden ...	9, 10, 128	Switzerland ...	157
Switzerland ...	68, 70	United States ...	106, 106, 116, 117, 120, 161
United States 105-107, 116, 117, 119		<b>AND WORSTED INDUSTRY :</b>	
<b>WELDERS :</b>		Belgium ...	48, 49, 151
German Empire ...	38	German Empire ...	143, 144
<b>WELL SINKERS :</b>		United States ...	116
France ...	57	<b>WORSTED INDUSTRY :</b>	
<b>WHARF LABOURERS :</b>		Austria ...	81
German Empire ...	37, 141, 142	Belgium ...	48, 49, 151
<b>WHEELWRIGHTS :</b>		German Empire ...	143, 144
Denmark ...	14	United States ...	106, 106
German Empire ...	34, 38	<b>WREATH WORKERS (GLASS):</b>	
Japan ...	123, 124	France ...	61
Switzerland ...	73, 74		
United States ...	118		
<b>WHIP MAKERS :</b>			
United States 109, 110			
<b>WHITTILERS (STRAW GOODS):</b>			
United States ...	117		
<b>WICKER WORKERS :</b>			
Belgium ...	46		
<b>WINDERS :</b>			
Belgium ...	48-50, 150		
France ...	59		
Italy ...	75, 76, 158		
Switzerland ...	70		
United States ...	117		
<b>WINDOW GLASS MAKERS :</b>			
Austria 82			
<b>WINE MAKERS :</b>			
France ...	155		
<b>WIRE WORKERS :</b>			
France ...	58, 152		
Switzerland ...	67		
United States ...	115, 120, 161		
<b>WIRERS (STRAW GOODS):</b>			
United States ...	117		
<b>WOODCUTTERS :</b>			
Norway ...	4		
<b>WOODEN SHOE MAKING :</b>			
Denmark ...	17, 18, 130		
Japan ...	121, 122		
<b>WOOD PULP MANUFACTURE :</b>			
Austria ...	82		
Norway ...	4, 7		
Switzerland ...	68, 70		
6487			
		<b>Y.</b>	
		<b>YARD HANDS (TEXTILE):</b>	
		United States ...	116, 117
		<b>LABOURERS :</b>	
		Austria ...	79, 80
		Belgium ...	46, 50, 150
		Denmark ...	17, 23
		<b>YARN MANUFACTURE :</b>	
		Austria ...	81
		Belgium ...	47, 49
		France ...	58, 59, 154
		United States ...	106, 106, 120
		<b>Z.</b>	
		<b>ZINC WORKING :</b>	
		Belgium ...	46, 53, 54, 150
		Denmark ...	15, 16
		France ...	57
		<b>WORKERS' LABOURERS :</b>	
		Belgium ...	53, 54
		X 2	

# PRINCIPAL BOARD OF TRADE PUBLICATIONS ON LABOUR QUESTIONS.

The following are among the principal Publications relating to Labour Questions, which have been published by the Board of Trade.

## MONTHLY JOURNAL.

The "LABOUR GAZETTE"—the Journal of the Labour Department of the Board of Trade—published on the 15th of each month, may be ordered through any newsagent, price 1d., or obtained direct from the Publishers, Messrs. Horace Marshall & Son, Temple House, Temple Avenue, London, E.C., at the rate of 2s. per annum for addresses in the United Kingdom, including postage.

## ANNUAL AND SPECIAL REPORTS.

These may all be obtained through any bookseller, or direct from Messrs. Eyre and Spottiswoode, East Harding Street, London, E.C. When ordering, the official number, given below, should be quoted.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom.
<b>Abstract of Labour Statistics of the United Kingdom:—</b>		<i>s. d.</i>	<i>s. d.</i>
1893-4 ... ..	C.—7,565	0 9	1 0
1894-5 ... ..	C.—7,900	0 10½	1 1½
1895-6 ... ..	C.—8,290	1 0	1 3
1896-7 ... ..	C.—8,642	1 0	1 3
1897-8 ... ..	C.—9,011	0 11½	1 2½
1898-9 ... ..	Cd.—119	0 11½	1 2½
1899-1900... ..	Cd.—495	1 0	1 3
<b>Abstract of Foreign Labour Statistics:—</b>			
First ... ..	C.—9,442	0 8	0 10½*
Second ... ..	Cd.—720	1 4½	1 8½
<b>Changes in Wages and Hours of Labour in the United Kingdom:—</b>			
1st Report on (1893) ... ..	C.—7,567	1 3	1 7
2nd " (1894) ... ..	C.—8,075	1 9	2 1
3rd " (1895) ... ..	C.—8,374	1 2	1 5
4th " (1896) ... ..	C.—8,444	1 6	1 10
5th " (1897) ... ..	C.—8,975	1 2½	1 5½
6th " (1898) ... ..	C.—9,434	1 5	1 9
7th " (1899) ... ..	Cd.—309	1 6	1 10
8th " (1900) ... ..	Cd.—		
<b>Standard Piece Rates (1893) ... ..</b>	<b>C.—7,567-I</b>	<b>1 0</b>	<b>1 3</b>
" " " (1900) ... ..	Cd.—144	1 4	1 8
<b>Standard Time Rates (1893) ... ..</b>	<b>C.—7,567-II</b>	<b>1 3</b>	<b>1 6</b>
" " " (1900) ... ..	Cd.—317	0 11	1 2

\* Letter Post.



## ANNUAL AND SPECIAL REPORTS—continued.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom.
<b>Rates of Wages paid in the United Kingdom in 1886:—</b>		<i>s. d.</i>	<i>s. d.</i>
Principal Textile Trades ... ..	C.—5,807	1 6	1 10
Minor " " " " " " " " " "	C.—6,161	0 9½	1 0*
Mines and Quarries " " " " " " " " " "	C.—6,455	1 0	1 3
By Local Authorities and Private Companies to Police, and to Workpeople employed on Roads, &c., and at Gas and Water Works.	C.—6,715	1 3	1 6
General Report† ... ..	C.—6,889	4 3	4 9
<b>Wages and Earnings of Agricultural Labourers in the United Kingdom.</b>	Cd.—346	3 4	3 8
<b>Weekly Hours of Labour in 1850, 1860, 1870, 1880, and 1890.</b>	H.C. 375, 1890	0 7½	0 9½*
<b>Conciliation (Trade Disputes) Act, 1896:—</b>			
1st Report of Proceedings under ... ..	C.—8,533	0 3	0 4*
2nd " " " " " " " " " "	H.C. 275, 1899	0 2	0 2½
3rd " " " " " " " " " "	(In the Press)	—	—
<b>Strikes and Lock-outs, 1st Report on (1888)</b>	C.—5,809	0 10	1 0½*
" " " " 2nd " (1889)	C.—6,176	1 3	1 6
" " " " 3rd " (1890)	C.—6,476	2 11	3 4
" " " " 4th " (1891)	C.—6,890	4 4	4 9
" " " " 5th " (1892)	C.—7,403	3 3	3 8
" " " " 6th " (1893)	C.—7,566	2 4	2 8
" " " " 7th " (1894)	C.—7,901	2 9	3 1
" " " " 8th " (1895)	C.—8,231	2 4	2 8
" " " " 9th " (1896)	C.—8,643	1 2	1 5
" " " " 10th " (1897)	C.—9,012	1 1	1 4
" " " " 11th " (1898)	C.—9,437	0 10½	1 1½
" " " " 12th " (1899)	Cd.—316	0 11	1 2
" " " " 13th " (1900)	(In the Press)	—	—
<b>Trade Unions, 1st Report on ... ..</b>	C.—5,104	0 7½	0 9½*
" 2nd " (1887) ... ..	C.—5,505	2 5	2 9
" 3rd " (1888) ... ..	C.—5,808	2 1½	2 5½
" 4th " (1889 and 1890) ... ..	C.—6,475	5 1½	5 7½
" 5th " (1891) ... ..	C.—6,990	2 4	2 8
" 6th " (1892) ... ..	C.—7,486	2 8	3 0
" 7th " (1893) ... ..	C.—7,808	2 3	2 7
" 8th " (1894 and 1895) ... ..	C.—8,232	4 4	4 10
" 9th " (1896) ... ..	C.—8,644	1 4	1 8
" 10th " (1897) ... ..	C.—9,013	1 4½	1 8½
" 11th " (1898) ... ..	C.—9,443	1 6½	1 10½
" 12th " (1899) ... ..	Cd.—423	1 6½	1 10½
" 13th " (1900) ... ..	(In the Press)	—	—

**Letter Post.**

† Some of the figures in this volume relate to 1891 and 1892.  
§ Book Post.

ANNUAL AND SPECIAL REPORTS—*continued.*

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Parcel Postage in the United Kingdom.
Provision for Old Age Abroad ... ..	C.—9,414	s. d. 0 3	s. d. 0 4*
Profit-sharing, Report on (1894) ... ..	C.—7,458	0 10	1 1
"Gain-sharing" and certain other systems of Bonus on Production, Report on (1895).	C.—7,848	0 6½	0 8½*
Report on Contracts given out by Public Authorities to Associations of Workmen (1896).	C.—8,233	1 5	1 9
Co-operation. Report on Workmen's Co-operative Societies in the United Kingdom.	(In the Press)	—	—
Cost of Production in relation to Wages in certain Industries (1891).	C.—6,535	1 7	1 11
Women and Girls, Employment of:— Statistics of Employment of Women and Girls (1894).	C.—7,564	0 8	0 10½*
Changes in the Employment of Women and Girls in Industrial Centres (1898), Part I.	C.—8,794	0 6	0 8*
Money Wages of Domestic Servants ... ..	C.—9,346	0 8½	0 4½*
Employment of Children on leaving School (Upper Standards), Return of.	H.C. 23, 1899	6	0 8*
Unemployed, Report on the Agencies and Methods for dealing with the (1893).	C.—7,182	1 11	2 3
Alien Immigration:— Alien Immigration into United States (1893)	C.—7,113	1 7	1 11
Recent Immigration from Eastern Europe; Reports on the Volume and Effects of (1894).	C.—7,406	1 0	1 3
Directory of Industrial Associations ... ..	Cd.—120	0 7½	0 10*
" " 2nd Edition	(In the Press)	—	—

\* Letter Post.



LONDON:  
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,  
By DARLING & SON, LTD., 24-40, BACON STREET, E.  
1901.

GENE...  
UNIV. OF MICH.  
JAN 20 1902

STRIKES AND LOCK-OUTS.  
BOARD OF TRADE (LABOUR DEPARTMENT).

---

REPORT  
BY THE  
CHIEF LABOUR CORRESPONDENT  
ON THE  
STRIKES AND LOCK-OUTS  
OF  
1900,  
WITH STATISTICAL TABLES.

---

*Presented to both Houses of Parliament by Command of His Majesty.*

---



LONDON:  
PRINTED FOR HIS MAJESTY'S STATIONERY OFFICE,  
By DARLING & SON, LTD., 34-40, BACON STREET, E.  
And to be purchased, either directly or through any Bookseller, from  
EYRE & SPOTTISWOODE, EAST HARDING STREET, FLEET STREET, E.C.,  
and 32, ABINGDON STREET, WESTMINSTER, S.W.;  
or OLIVER & BOYD, EDINBURGH;  
or E. PONSONBY, 116, GRAFTON STREET, DUBLIN.

1901.

[Cd. 689.] Price 1<sup>6</sup>/<sub>2</sub>d.



TO THE COMPTROLLER-GENERAL OF THE COMMERCIAL,  
LABOUR, AND STATISTICAL DEPARTMENTS OF THE  
BOARD OF TRADE.

SIR,

I HAVE the honour to present herewith the Thirteenth Annual Report of the Chief Labour Correspondent on Strikes and Lock-outs, together with Statistical Tables, prepared in this Department.

The statistics of trade disputes in 1900 offer few features of interest to which it is necessary to draw special attention. Whether tested by the number of separate stoppages, by the number of workpeople they affected, or by their aggregate duration, the labour disputes of the year were considerably below the average, although in magnitude and duration they slightly exceeded those of the previous year. As in 1899, but unlike most other recent years, there was no single dispute in 1900 of such magnitude as to overshadow all the others. Among the disputes which aroused most public attention were those affecting the Thames lightermen, the Taff Vale Railway employees, the Penrhyn quarrymen, and the Staffordshire pottery workers.

Altogether 648 disputes were recorded, involving 188,538 persons, and the aggregate duration in 1900 of all disputes in progress was 3,152,694 working days. Thus, as is shown in the Report, the strikes and lock-outs of 1900 involved about 2·2 per cent. of the industrial population, and caused an average loss per head of less than half a day's work in the year. The results of the disputes as recorded were, on the whole, somewhat more favourable to the workpeople than in most recent years. The great majority of disputes were arranged directly between the parties or their representatives, the number settled by arbitration, conciliation, or mediation being only 32, compared with 38 in the previous year. The Appendix dealing with the work of agencies for arbitration and conciliation shows that, as usual, these agencies were more concerned with the prevention than with the settlement of strikes and lock-outs.

I have, &c.,

H. LLEWELLYN SMITH.

Labour Department, Board of Trade,

*August, 1901.*





# CONTENTS.

---

## REPORT.

---

### GENERAL REPORT.

	Page
General comparison of 1900 with four preceding years ...	xii
Proportion of Workpeople affected by Disputes ...	xiv
Proportion of Working Time occupied by Disputes ...	xiv
Magnitude of Disputes ... ..	xv
Causes of Disputes ... ..	xvii
Results of Disputes ... ..	xviii
Districts affected by Disputes ... ..	xx
Methods of Settlement of Disputes ... ..	xxi

### DETAILED REPORT.

#### Analysis by Groups of Trades :—

Building Trades ... ..	xxiii
Mining and Quarrying ... ..	xxvii
Metal, Engineering, and Shipbuilding Trades ...	xxxii
Textile Trades ... ..	xxxvi
Clothing Trades ... ..	xli
Transport Trades... ..	xlii
Miscellaneous Trades and Employees of Public Authorities ... ..	xlvi

#### Conciliation and Arbitration :—

Strikes and Lock-outs settled by Conciliation and Arbitration ... ..	xlix
The work of Permanent Boards of Conciliation and Arbitration ... ..	lii
Allied Methods of Settling Disputes ... ..	liv

---

**SUMMARY TABLES.****(a.) TRADE DISPUTES.****1900.**

Disputes classified by :—	Page
I.—Results ... ..	lvi
IIa.—Causes—All Trades .. ..	lx
IIb.—Causes—Groups of Trades :—	
Building ... ..	lxii
Mining and Quarrying ... ..	lxiv
Metal, Engineering, and Shipbuilding ... ..	lxvi
Textile ... ..	lxviii
Clothing ... ..	lxx
Transport ... ..	lxxii
Miscellaneous and Employees of Public Authorities ... ..	lxxiv
III.—Districts ... ..	lxxvi
IV.—Methods of Settlement ... ..	lxxviii
V.—Magnitude ... ..	lxxx

**1896-1900.**

Disputes classified by :—	
VI.—Results ... ..	lxxxii
VII.—Causes ... ..	lxxxvi
VIII.—Districts ... ..	lxxxviii
IX.—Proportion of Industrial Population affected by Disputes ... ..	lxxxviii

**(b.) CONCILIATION AND ARBITRATION.****1900.**

X.—Trade Disputes settled by Conciliation and Arbitration ... ..	xc
XI.—Work of Permanent Conciliation and Arbitration Boards ... ..	xcii

**1896-1900.**

XII.—Trade Disputes settled by Conciliation and Arbitration ... ..	xcii
XIII.—Work of Permanent Conciliation and Arbitration Boards ... ..	xciii

**TABLES GIVING A DETAILED STATEMENT OF  
EACH TRADE DISPUTE BEGINNING IN 1900.**

*[The Disputes in each Trade are arranged in Geographical  
Districts.]*

<b>Building Trades.</b>							
Building Trades ...	...	...	...	...	...	...	<b>Page 2</b>
<b>Mining and Quarrying.</b>							
Coal Mining ...	...	...	...	...	...	...	16
Other Mining ...	...	...	...	...	...	...	28
Quarrying ...	...	...	...	...	...	...	30
<b>Metal, Engineering, and Shipbuilding.</b>							
Pig Iron and Iron and Steel Manufacture ...	...	...	...	...	...	...	32
Engineering and Shipbuilding ...	...	...	...	...	...	...	32
Tinplate Making ...	...	...	...	...	...	...	40
Miscellaneous Metal Trades ...	...	...	...	...	...	...	42
<b>Textile Trades.</b>							
Cotton Spinning ...	...	...	...	...	...	...	46
Cotton Weaving ...	...	...	...	...	...	...	48
Woollen and Worsted Manufacture ...	...	...	...	...	...	...	52
Linen and Jute Manufacture ...	...	...	...	...	...	...	52
Minor Textiles and Bleaching and Dyeing ...	...	...	...	...	...	...	54
<b>Clothing Trades.</b>							
Boot, Shoe, and Clog Manufacture ...	...	...	...	...	...	...	56
Tailoring Trade ...	...	...	...	...	...	...	58
Other Clothing Trades ...	...	...	...	...	...	...	58
<b>Transport Trades.</b>							
Dock and Riverside Labour ...	...	...	...	...	...	...	60
Other Transport Trades ...	...	...	...	...	...	...	62
<b>Miscellaneous Trades.</b>							
Printing and Allied Trades ...	...	...	...	...	...	...	66
Cabinet Making and French Polishing Trades ...	...	...	...	...	...	...	66
Other Woodworking Trades ...	...	...	...	...	...	...	66
Brick, Glass, Pottery, Chemicals, &c. ...	...	...	...	...	...	...	68

**Miscellaneous Trades—cont.**

	<b>Page</b>
Food and Tobacco Manufacture ... ..	70
Other Trades ... ..	72
<b>Employees of Public Authorities ... ..</b>	<b>72</b>

**CONCILIATION AND ARBITRATION.**

I.—List of Trade Disputes beginning in 1900 settled by Conciliation and Arbitration ...	78
II.—Table summarising the Work of Permanent Conciliation and Arbitration Boards in 1900 ... ..	80
III.—Detailed Statement of the Work of Trade Boards in 1900:—	
Building Trades ... ..	82
Coal Mining ... ..	83
Iron Mining ... ..	86
Quarrying ... ..	86
Iron and Steel Trades ... ..	86
Engineering and Shipbuilding ... ..	87
Other Metal Trades ... ..	88
Boot and Shoe Trade ... ..	90
Tailoring Trade ... ..	91
Dock and Riverside Labour ... ..	91
IV.—Work of District and General Boards in 1900	92
V.—Rules of Certain Boards:—	
COAL MINING:—	
Board of Conciliation for the Coal Trade of Scotland ... ..	92
West Lothian District Local (Coal) Conciliation Board ... ..	94
QUARRYING:—	
Board of Conciliation and Arbitration for the West Cumberland Limestone Trade ... ..	96
SHIPBUILDING:—	
Liverpool and Birkenhead Districts Standing Committee of Shipwrights, Joiners, and Employers for Demarcation of Work ... ..	97
Shipwrights', Joiners', and Employers' Board for Demarcation of Work in connection with the Associated Yards at the Hartlepoons, Stockton, and Middlesbrough ... ..	99

APPENDICES.

	Page
<b>I.—Text of Certain Agreements and Awards terminating Trade Disputes :—</b>	
<b>BUILDING TRADES :—</b>	
Plasterers in London ... ..	102
<b>COAL MINING :—</b>	
Enginemmen in Cannock Chase District ...	104
<b>METAL TRADES :—</b>	
Iron and Steel Dressers in West of Scotland...	105
<b>DOCK AND RIVERSIDE LABOUR :—</b>	
Harbour Lightermen at Hull ... ..	106
Dock Labourers at Dundee (Shipowners, Shipbrokers, and Stevedores, and the National Union of Dock Labourers) ...	107
Dock Labourers at Dundee (Stevedores of the Weekly Steamers and the National Union of Dock Labourers) ... ..	108
Corn Porters at Bristol, Portishead, and Avonmouth ... ..	109
Dock Labourers at Bristol, Portishead, and Avonmouth ... ..	110
Grain Porters, Dock Labourers, Deal Carriers, Lightermen, and Master Hobblers and Riggers of Bristol, Avonmouth, and Portishead ... ..	112
<b>II.—Principal Board of Trade Publications on Labour Questions ... ..</b>	<b>118</b>



# REPORT ON STRIKES AND LOCK-OUTS IN THE UNITED KINGDOM IN 1900.

---

## GENERAL REPORT.

---

TO THE COMMISSIONER FOR LABOUR.

SIR,

THE present Report is the thirteenth issued since the commencement of the series in 1888. The general method of inquiry pursued has been much the same as during the last few years. After the existence of a dispute is brought to the knowledge of the Department from any source, it is their custom to send out to each of the parties concerned a series of questions as to the chief points of importance in connection with the matters at issue. Early information as to all disputes is in the first place published monthly in the *Labour Gazette*, and after the end of each year a summary of such details is made in order that preliminary statistics for the whole year may be available for the January number of the *Labour Gazette*. Necessarily, however, for the purposes of a permanent statistical record, such figures require revision, and additions are made to them from information subsequently received. These final figures are embodied in the annual report, which enters also into much fuller detail than is possible in a mere preliminary summary.

The arrangement of the report is on the same lines as those of the last few years. The first section of the volume is the general report, which summarises the statistics of the disputes of the year, and compares them with those of previous years.

A detailed report follows, in which the disputes of the year are analysed by groups of trades, attention being called to such as are considered of special importance, from the point of view of numbers involved, duration, or particular features of interest. A special section shows in considerable detail the work of Conciliation and Arbitration Boards in settling labour disputes.

### General comparison of 1900 with four preceding Years.

The number of separate disputes arising in 1900, as compared with 1899 or any other of the years covered by the comparative tables published in this report, shows a considerable falling off. In other respects, however, such as numbers of persons involved and aggregate duration, the figures are larger than in 1899, though much less than in 1897 or 1898. Thus the actual number of disputes was only 648 as against 719 in 1899 and 711 in 1898.

The number of persons involved, directly and indirectly, was 188,538, an increase of 8,321 over the previous year, but 21,686 less than the average of the period of five years. Trade was generally good throughout the year, and wages continued to have an upward tendency, but in cases in which stoppages were resorted to, the operatives had greater difficulty than in the previous year in securing compliance with their demands.

The following comparative summary table gives statistics for the five years, 1896-1900, of the number of disputes beginning in each year and the total number of workpeople involved, distinguishing those directly on strike or locked-out from those thrown out of work as a result of trade disputes, but not themselves on strike or locked-out. It also shows the total duration of all the disputes of each year.

Year.	No. of Disputes beginning in each year.	No. of Workpeople affected by Disputes beginning in each year.			Aggregate duration in Working Days of all disputes in each year.
		Directly.	Indirectly.	Total.	
1896 ... ..	926	147,950	50,240	198,190	3,746,368
1897 ... ..	864	167,453	62,814	230,267	10,345,523
1898 ... ..	711	200,769	53,138	253,907	15,289,478
1899 ... ..	719	138,058	42,159	180,217	2,516,416
1900 ... ..	648	135,145	53,393	188,538	3,152,694



The table shows that in respect to numbers *directly* affected, 1900 was the minimum year of the period covered.

In the following table the figures showing total numbers of persons are further analysed, and the extent to which each of the various groups of trades was affected is shown comparatively for the same period :—

Groups of Trades.	TOTAL NUMBER OF WORKPEOPLE AFFECTED. (Including those thrown out of work at the establishments affected by disputes, but not themselves directly on strike or locked-out).				
	1896.	1897.	1898.	1899.	1900.
Building ... ..	33,312	15,047	16,684	30,524	19,178
Mining and Quarrying ...	67,197	49,392	177,029	46,831	74,864
Metal, Engineering and Shipbuilding.	48,137	97,189	21,432	21,119	19,810
Textile ... ..	33,656	37,001	24,978	61,499	24,143
Clothing ... ..	3,969	7,016	3,561	2,258	2,154
Transport (Dock Labour, Railway Men, &c.).	3,312	12,523	3,478	12,611	23,026
Miscellaneous ... ..	8,070	11,734	6,261	4,212	24,968
Employees of Public Authorities.	537	365	484	1,163	895
<b>Total ... ..</b>	<b>198,190</b>	<b>230,267</b>	<b>253,907</b>	<b>180,217</b>	<b>188,538</b>

It will be seen from this table that, in each year except in 1897 and 1899, the mining industry supplied the largest number of persons involved. In the first of these years the great dispute of the year was in the engineering trade, while in 1899 a large number of persons were affected by a dispute in the jute trade of the Dundee district. In 1900, however, the mining group had 39 per cent. of the persons involved in all the disputes of the year, the miscellaneous and textile groups coming next with about 13 per cent. The figures for the transport group show a considerable increase upon the figures for the previous years and form 12 per cent. of the total. The metal and building trades come next, each showing about 10 per cent. of the general total. The mining and textile groups generally adopt piece work as their system of payment, and under the varying conditions which arise in the course of employment subjects of dispute are numerous.

### Proportion of Workpeople affected by Disputes.

The total number of persons affected by trade disputes in any one year forms but a small percentage of the total number of persons industrially employed throughout the United Kingdom. In order to bring out this point, the following statement has been prepared, the numbers of the working population on which the percentages are based being taken from the Home Office returns for 1896-1897, except as regards the Building and Miscellaneous Trades, in which cases the census figures of 1891 have been used in default of later information :—

Groups of Trades.	Percentage Proportion of Working Population in each industry involved in Disputes in—					Mean Percentage 1896-1900.
	1896.	1897.	1898.	1899.	1900.	
Building ... ..	4.1	1.8	2.0	3.7	2.3	2.8
Mining and Quarrying ..	8.0	5.9	21.1	5.6	9.1	9.9
Metal, Engineering and Shipbuilding.	4.4	8.3	1.9	1.9	1.6	3.7
Textile ... ..	2.7	3.0	2.0	4.9	2.0	2.9
Clothing ... ..	0.7	1.2	0.6	0.4	0.4	0.7
Printing ... ..	0.1	0.3	0.1	0.1	0.2	0.2
Woodworking ... ..	0.9	0.8	0.9	0.4	0.4	0.7
Glass, Pottery, and Chemical.	1.0	1.8	0.8	0.4	8.0	2.4
Food and Tobacco ...	0.2	0.1	0.2	0.1	0.2	0.2
Miscellaneous ... ..	0.2	0.6	0.2	0.6	0.9	0.5
All Trades, except Agricultural Labourers, Seamen and Fishermen.	2.4	2.8	3.0	2.2	2.2	2.5

During the whole of the period covered by the above table the agricultural labourers and fishing and other seafaring occupations have been scarcely touched by trade disputes, and if the numbers so employed were included, the proportion of the working population concerned in disputes would present a still lower figure.

### Proportion of Working Time occupied by Disputes.

The aggregate number of working days available in each year for the whole industrial population covered by the statistics in this volume may be roughly estimated at about 2,500,000,000.

The aggregate duration in working days of disputes in 1900 was 3,152,694, or, roughly, one day in 800. In some years the proportion of time lost by disputes is much greater than this, but if the average of the years 1896-1900 be taken, the working time consumed by disputes, if spread over the entire body of workpeople, appears to average less than one day annually per head,—an amount which would be further reduced if agricultural labourers, seamen and fishermen were included.

### Magnitude of Disputes.

The fact that the great majority of disputes affect very few workpeople and cause a relatively small loss when reckoned in working days has often been referred to in these reports and is again brought out in the following table :—

Limits of Groups.	Number of Disputes commencing in 1900.	Total Number of Workpeople.	Aggregate duration of these Disputes in Working Days.
Disputes affecting :—			
Under 100 Workpeople* ... ..	335	12,491	235,330
100 and under 500 Workpeople ...	230	51,152	868,697
500 " 1,000 " ... ..	43	27,845	700,860
1,000 " 5,000 " ... ..	36	60,580	1,066,648
5,000 and above ... ..	4	36,470	714,000
Total ... ..	648	138,538	3,585,535

This table shows that a majority of the disputes of the year involved less than 100 workpeople each. That, in fact, out of 648 disputes 335 or 52 per cent. involved only 6·6 per cent. of all the persons, and about the same percentage of the time lost in all the disputes of the year, whereas the four largest disputes involved 19 per cent. of the total workpeople and 20 per cent. of the time lost in all the disputes of the year.

In 1900, as in the previous year, there was no single dispute of considerable magnitude, for, in the case of the potters dispute, which was the largest of the year, the aggregate duration was not so great as would appear, the majority of persons affected only being thrown out of work some time after the dispute had commenced. The following table is arranged to show that the

\* Disputes involving less than 10 workpeople and those which lasted less than one day have been omitted, except when the aggregate duration exceeded 100 days.

aggregate duration of the multitude of smaller disputes is insignificant as compared with that of a few large disputes :—

Year.	Principal Dispute in each year.		All other Disputes.	
	No. of Workpeople affected directly and indirectly.	Aggregate duration in Working Days.	No. of Workpeople affected directly and indirectly.	Aggregate duration in Working Days.
1896 ...	(No large dispute.)		198,190	3,746,368
1897 ...	47,500	6,849,000*	182,767	4,614,523
1898 ...	100,000	11,650,000	153,907	2,521,478
1899 ...	(No large dispute.)		180,217	2,516,416
1900 ...	(No large dispute.)		188,538	3,152,694

The aggregate duration of disputes during the period of five years is shown by groups of trades in the following table :—

Groups of Trades.	Aggregate Duration in Working Days of Disputes.†				
	1896.	1897.	1898.	1899.	1900.
Building .. .. .	1,060,227	353,348	379,170	854,207	726,626
Mining and Quarrying ..	1,011,668	1,445,843	12,876,334	504,428	552,932
Metal, Engineering and Ship-building.	862,760	7,141,289	1,370,764	420,660	349,130
Textile .. .. .	519,917	677,615	273,564	552,485	411,368
Clothing .. .. .	96,734	301,082	69,900	42,154	60,121
Transport (Dock Labour, Railway Men, &c.).	23,043	76,497	46,771	62,450	303,780
Miscellaneous .. .. .	168,418	348,459	267,715	73,245	740,272
Employees of Public Authorities.	1,601	1,390	5,260	6,787	8,465
Total.. .. .	3,746,368	10,345,523	15,289,478	2,516,416	3,152,694

The only trade groups which show any striking change in aggregate duration are the transport and the miscellaneous groups. In the first instance there is a considerable increase, due to a much larger number of disputes among dock labourers, than for some years back, and to a prolonged stoppage of work by Thames watermen and lightermen. The larger figures for the miscellaneous group are due to the inclusion therein of the potters' dispute. The figures for the textile trades are lower than for any other year in the period covered except 1898, when,

\* The Engineers' dispute extended into the following year, and the duration in that year (1,118,000 days) is included for the purpose of this table in 1897 and not in 1898.

† The days lost being credited to the year in which they fell.

although the number of persons involved was somewhat higher than in 1900, the aggregate duration was considerably less. The metal and engineering group shows a smaller loss of time through disputes in 1900 than for any one of the five years included in the table.

As regards the average, as distinguished from the aggregate duration of disputes, it appears that the time lost by the workpeople, directly and indirectly, involved in strikes and lock-outs in 1900 averaged 19 days per head. This is slightly higher than the corresponding figure for the previous year, when the average duration of disputes was 13 days. In both years more than half the disputes lasted less than a fortnight.

### Causes of Disputes.

In the following table the causes of disputes during each of the last five years are classified, only the workpeople who were *directly* affected being included :—

Principal Cause.	Number of Workpeople <i>directly</i> affected by Disputes beginning in				
	1896.	1897.	1898.	1899.	1900.
Wages :—					
For increase ...	58,193	50,082	151,747	73,696	57,269
Against decrease	10,487	8,290	10,654	6,826	7,385
Other ...	27,295	15,534	13,991	14,129	18,249
Total ...	95,975	73,906	176,392	94,651	82,903
Hours of labour :—					
For decrease ...	1,413	33,377	331	1,069	487
Other ...	942	850	446	2,788	231
Total ...	2,355	39,227	777	3,857	718
Employment of particular classes or persons.	22,745	14,840	9,203	8,187	10,427
Working arrangements.	17,533	29,068	11,742	17,895	18,956
Trade Unionism...	5,279	6,327	2,215	5,130	19,573
Other causes ...	4,063	4,085	440	8,338	2,568
Total <i>directly</i> affected.	147,950	167,453	200,769	138,058	135,145

As is usual questions of remuneration were the most frequent cause of dispute. Thus of the total of 648 disputes 438 or 67·6 per cent. arose under this head, and these included 61·4 per cent. of the total persons directly engaged in all the disputes of

the year as compared with 68·6 per cent. in the previous year. As trade still continued good a large proportion of the wages disputes turned on demands for advance of wages. Thus of the 438 wages disputes 268 or 61 per cent. were for advance of wages, and these embraced 69 per cent. of all the persons directly involved in wages disputes. Disputes in resistance of reductions of wages were again unimportant, there being only 46 disputes under this head embracing less than 9 per cent. of total persons. There were very few disputes as to hours of labour, and these were unimportant. It should, however, be pointed out that in many cases, demands for reduced hours are put forward at the same time as demands for advanced wages, and a number of disputes in which this is the case are classified under wages, which in such cases is the principal head. There was, however, a striking increase in the number of workpeople who came out rather than work with non-union men, the proportion of persons directly affected by disputes due to this cause being 14·5 per cent. of the whole as against 3·7 per cent. in the previous year.

The following table shows in a comparative form the percentage proportions of persons *directly* affected by the various classes of disputes over a period of five years :—

Principal Cause.	1896.	1897.	1898.	1899.	1900.
	per cent.	per cent.	per cent.	per cent.	per cent.
Wages ... ..	64·9	44·1	87·9	68·6	61·4
Hours of labour ...	1·6	23·4	0·4	2·8	0·5
Employment of particular classes or persons.	15·4	8·9	4·6	5·9	7·7
Working arrangements	11·8	17·4	5·8	13·0	14·0
Trade Unionism ...	3·6	3·8	1·1	3·7	14·5
Other causes ...	2·7	2·4	0·2	6·0	1·9

Results of Disputes.

The following table shows the results of the disputes of the year as regards the workpeople *directly* affected :—

Principal Cause.	Number of Workpeople <i>directly</i> affected by Disputes beginning in 1900, the Results of which were—				Total Number of Workpeople <i>directly</i> affected by Disputes beginning in 1900.
	In favour of Workpeople.	In favour of Employers.	Compromised.	Indefinite or Unsettled.	
Wages ... ..	16,886	20,360	44,197	1,460	82,903
Hours of labour ...	69	75	574	...	718
Employment of particular classes or persons.	3,523	1,976	4,892	36	10,427
Working arrangements	2,220	9,284	4,352	3,100	18,956
Trade Unionism ...	17,241	1,107	1,175	50	19,573
Other causes ...	673	695	1,200	...	2,568
Total ... ..	40,612	33,497	56,390	4,646	135,145

The effect of this statement is to make it appear that the balance of results in 1900 was in favour of the workpeople rather than on the side of the employers. This view is strengthened by the large total of the column showing the numbers engaged in disputes which resulted in compromises. In such a year as 1900 the demands for changes proceed in a large majority of cases from the workpeople, and they must have attained a partial measure of success in the cases settled by compromise. On the other hand, it may be pointed out that a very considerable proportion (42·5 per cent.) of the total workpeople shown in the first column as having attained their object, were engaged in disputes, mainly in the mining industry, the object of which was to induce non-union men to join the union. In many of these disputes the employers took no part. Strikes from this cause were so important during 1900 that it is necessary that the fact should be borne in mind in comparing results as to employers and workpeople.

The results of the disputes of 1900 as affecting the various groups of trade are shown in the following table :—

Groups of Trades.	Percentage Number of Workpeople <i>directly</i> affected by Disputes beginning in 1900, the Results of which were—			
	In favour of Workpeople.	In favour of Employers.	Compromised.	Indefinite or Unsettled.
Building ... ..	28·64	40·24	29·44	1·68
Mining and quarrying ...	54·30	9·40	29·48	6·87
Metal, engineering, and shipbuilding.	19·92	32·44	46·29	1·35
Textile ... ..	35·78	29·84	32·30	2·08
Clothing ... ..	38·64	18·49	7·11	35·76
Transport ... ..	7·76	61·40	30·84	...
Miscellaneous Trades ...	4·42	5·22	90·33	0·08
Employees of public authorities.	20·05	67·17	10·27	2·51
All Trades... ..	30·05	24·79	41·72	3·44

The group of trades which presents the most striking contrast with the figures of the previous year is the building group. Thus in 1899 the percentage in favour of the workpeople was 41·13, of the employers 6·75, and compromised 51·81 as compared with the proportions shown above. This change is largely due to the unsuccessful attempts to resist reductions in Scotland and also to a generally increasing difficulty experienced by the operatives in obtaining their objects. The high percentage of favourable

results to workpeople shown for the mining group is accounted for by the number of strikes to induce non-unionists to join the union. The matter is referred to on the previous page and on p. xxix.

The following comparative table, covering a period of five years, shows the proportions of workpeople *directly* affected by all disputes, the results of which were in favour of the workpeople, or of the employers, or were compromised :—

Results.	1896.	1897.	1898.	1899.	1900
In favour of the Workpeople ...	43·5	24·2	22·6	26·7	30·05
In favour of the Employers ...	28·0	40·7	60·1	43·7	24·79
Compromised ... ..	28·3	34·0	17·2	29·1	41·72
Indefinite or unsettled ... ..	0·2	1·1	0·1	0·5	3·44

The large percentage shown for the year 1900 under the head of "Compromised" is largely due to the inclusion under that head of the dispute in the pottery trade which affected a large number of persons.

#### Districts Affected by Disputes.

The distribution of persons affected by disputes in 1900 and for the period of five years over certain districts, with the population of such districts, is shown in the following table :—

District.	Population of District according to Census (1891).	Number of Workpeople affected by Disputes beginning in 1900.	Mean Number of Workpeople affected by Disputes beginning in the Five Years 1896-1900.
<b>ENGLAND AND WALES.</b>			
Northern Counties ... ..	1,863,163	11,915	21,842
Yorkshire, Lancashire, and Cheshire.	7,884,766	40,868	52,683
North and West Midland Counties.	5,051,132	39,693	21,893
South Midland and Eastern Counties.	3,438,780	1,219	1,902
London ... ..	4,211,743	12,663	9,725
South Eastern Counties ... ..	2,867,538	2,164	1,442
South Western Counties ... ..	1,908,998	374	1,195
Wales and Monmouth ... ..	1,776,405	48,186	52,213
<b>Total, England and Wales ...</b>	<b>29,002,525</b>	<b>157,032</b>	<b>162,895</b>
<b>SCOTLAND ... ..</b>	<b>4,025,647</b>	<b>26,844</b>	<b>39,184</b>
<b>IRELAND ... ..</b>	<b>4,704,750</b>	<b>4,630</b>	<b>8,051</b>
<b>ISLE OF MAN ... ..</b>	<b>55,608</b>	<b>32</b>	<b>94</b>
<b>TOTALS ... ..</b>	<b>37,788,530</b>	<b>188,538</b>	<b>210,224</b>



The high total shown for Wales and Monmouth is not due to any large general dispute, but to a number of local disputes of considerable magnitude, notably those affecting 8,000 miners in the Rhondda Valley who refused to work with non-union men; and one affecting 5,000 miners who were thrown out by a strike of 200 enginemen and others.

### Methods of Settlement of Disputes.

The methods by which the disputes of the year were settled is shown in the following table, and in order that comparison may be made with previous years, figures are given to cover the period of 1896-1900 :—

Year.	By Arbitration.	By Conciliation and Mediation.	By direct arrangement or negotiation between the parties or their representatives.	By return to work on employers terms without negotiation.	By replacement of work-people.	By closing of works.	In-definite or unsettled.	Total.
Number of Disputes.								
1896	19	30	633	114	107	19	4	926
1897	14	27	624	76	105	7	11	864
1898	13	30	495	71	96	—	6	711
1899	16	22	562	22	88	3	6	719
1900	19	13	487	45	71	4	9	648
Number of Workpeople Affected.								
1896	10,276	10,472	136,307	30,587	7,250	3,159	139	198,190
1897	9,756	9,544	187,048	15,207	4,307	1,673	2,732	230,267
1898	3,350	16,167	206,926	17,590	9,616	—	268	253,907
1899	3,319	8,386	156,743	7,054	3,960	95	640	180,217
1900	7,118	8,593	155,025	8,895	4,918	300	3,889	188,538

As has been found usual the great bulk of the disputes of the year were ultimately settled by negotiation between the parties directly concerned or their representatives. Thus of the total of 648 disputes three-fourths were so arranged, and these embraced 82 per cent. of all the persons concerned in the disputes of the year, as against 87 per cent. for the previous year.

The number of disputes settled by arbitration and by conciliation shows some decrease as compared with the previous year, but as pointed out in previous reports the settlement of actual strikes and lock-outs now forms but a very small proportion of the work of agencies for conciliation and arbitration. To appreciate thoroughly the usefulness of these modes of arranging disputes,

the numerous alterations in working conditions effected by these methods without, and as a preventive of, such stoppages must be taken into account. These are fully dealt with in the recent Report on Changes of Wages and Hours of Labour in 1900, in which it is shown that 58 per cent. of all the changes of the year, as measured by the number of persons affected were arranged by sliding scales, wages boards, or other methods of arbitration and conciliation, while only 5 per cent. of the changes followed strikes or lock-outs. The two forms of settlement which imply the most complete failure on the part of the workpeople to effect their objects are the return to work on the employers' terms without negotiation, and replacement by other workpeople. About 18 per cent. of the disputes of the year terminated in these ways, but included only 7 per cent. of the total workpeople involved in disputes.

Full details of the working of conciliation and arbitration boards will be found on pp. xlix.-liv. and 82-92.

---

DETAILED REPORT.

ANALYSIS BY GROUPS OF TRADES.

Building Trades.

Although there were no disputes of national importance in the building trades during 1900, some of the local disputes were obstinate in character, involving a considerable number of men, and entailing the loss of much working time.

The following comparative summary shows the number and magnitude of the disputes in the building trades for a period of five years :—

Year.	Number of Disputes.	Number of Workpeople Affected.			Aggregate Duration in Working Days of Disputes in each year.
		Directly.	Indirectly.	Total.	
1896	171	30,138	3,174	33,312	1,060,227
1897	193	13,484	1,563	15,047	353,348
1898	188	14,232	2,452	16,684	379,170
1899	180	26,780	3,744	30,524	864,207
1900	146	16,273	2,905	19,178	726,626

The proportion which the disputes in the building trades bore to the total number of the disputes of the year is shown by the figures which follow :—

	Number in 1900.	Per cent. of Disputes in all Trades in 1900.
Disputes ... ..	146	22·5
Workpeople affected :—		
Directly ... ..	16,273	12·0
Indirectly ... ..	2,905	5·4
Total ... ..	19,178	10·2
Aggregate duration in working days ...	726,626	23·9

As to the causes and results of disputes in this group the summary of statistics is found in the following table :—

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total, including In- definite or Un- settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised.		
<b>Wages :</b>						
For increase ..	75	1,743	2,850	2,629	7,222	258,844
Against decrease ..	18	1,532	2,634	1,110	5,484	254,741
Other .. ..	4	21	56	..	77	3,189
<b>Total wages ..</b>	<b>97</b>	<b>3,296</b>	<b>5,540</b>	<b>3,739</b>	<b>12,783</b>	<b>516,774</b>
<b>Employment of par- ticular classes or persons :</b>						
Disputes between classes of work- people.	19	175	349	92	632	11,505
Employment of labourers in- stead of skilled workers.	2	14	..	650	664	170,210
Others .. ..	5	54	300	..	354	713
<b>Total .. ..</b>	<b>26</b>	<b>243</b>	<b>649</b>	<b>742</b>	<b>1,650</b>	<b>182,428</b>
<b>Working arrange- ments, rules, and discipline.</b>	<b>8</b>	<b>905</b>	<b>201</b>	<b>264</b>	<b>1,370</b>	<b>11,770</b>
<b>Trade Unionism ..</b>	<b>13</b>	<b>186</b>	<b>110</b>	<b>45</b>	<b>391</b>	<b>7,144</b>
<b>Other .. ..</b>	<b>2</b>	<b>30</b>	<b>49</b>	<b>..</b>	<b>79</b>	<b>8,500</b>
<b>Total Building Trades.</b>	<b>146</b>	<b>4,666</b>	<b>6,549</b>	<b>4,799</b>	<b>16,273</b>	<b>726,626</b>
<b>Percentage ..</b>	<b>..</b>	<b>28.64</b>	<b>40.24</b>	<b>29.44</b>	<b>100.0</b>	<b>..</b>
<b>Grand Total—all Trades.</b>	<b>643</b>	<b>40,612</b>	<b>33,497</b>	<b>56,890</b>	<b>135,145</b>	<b>3,152,694</b>
<b>Percentage ..</b>	<b>..</b>	<b>30.05</b>	<b>24.79</b>	<b>41.73</b>	<b>100.0</b>	<b>..</b>

As usual, it is seen that disputes connected with wages questions form by far the largest proportion of the total number. Thus, out of 146 disputes, 97, or 66 per cent., occurred under this head, and these embraced over 79 per cent. of the total persons directly affected by all the disputes of the group. The summary, however, presents two features which have not been observable to the same extent in the statistics of these trades for several years back. The first of these is an increase in the proportion of results favourable to employers. The second is the increase in the number of disputes arising from proposed reductions of wages, which took place especially in some of the larger Scottish towns, and of which a large proportion resulted adversely to the workpeople concerned. Thus, while in regard to the wages disputes of 1899, those with results in favour of employers embraced only 6.5 per cent. of the workpeople, in 1900

the results were in the employers' favour in cases affecting over 40 per cent. of the workpeople. Taking together the industrial contests in which this group of trades was involved in 1900, irrespective of causes, we find that success was achieved by the employers in cases embracing no less than 40 per cent. of workpeople as against only 6.75 per cent. in 1899. In the list of causes mentioned in the table, "working hours" will not be found, but it should be pointed out that demands made on this point are generally included as subsidiary matters when wage changes are proposed, and, therefore, do not appear separately among "Principal causes or objects" of disputes.

*Stonemasons, Dundee.—Reduction of Wages.*—On February 17th, 420 stonemasons at Dundee came out against a reduction of wages from 9½d. to 9d. per hour in the case of layers, and 9d. to 8½d. in the case of hewers. This dispute, which was settled by the mediation of the Lord Provost, entailed an aggregate loss of about 16,000 working days, and resulted in the proposed reduction being accepted as from the 15th May, wages to be stationary from then for six months.

*Stonemasons, Edinburgh.—Reduction of Wages.*—On June 7th, the masons of Edinburgh and Leith came out against a reduction of wages from 9½d. to 9d. per hour to the number of 2,200, 350 labourers being indirectly affected. The stoppage lasted until September 22nd, when work was resumed at the reduced rate, an aggregate loss of over 156,000 working days having been incurred.

*Joiners, Aberdeen.—Reduction of Wages.*—On March 1st, the joiners of Aberdeen came out against a proposal to reduce wages from 8½d. to 8d. per hour, and to make certain modifications in the working rules. About 650 men were involved. On April 24th it was agreed that work should be resumed, the question of wages to be referred to arbitration. The other points were arranged between the parties. Ex-Lord Provost Mearns, who was appointed to act as umpire in the arbitration proceedings, awarded a reduction of ½d. per hour.

*Bricklayers and Labourers, Newcastle-on-Tyne and District.—Advance of Wages.*—On April 30th, the bricklayers' labourers of Newcastle-on-Tyne and district came out for an advance of wages from 6d. to 7d. per hour and for a code of working rules. The number of labourers actually out after the advance had been conceded in some cases was a little over 200, but nearly 100 bricklayers were indirectly affected. At the same time a movement for an advance of wages from 10d. to 11d. per hour was in progress with the bricklayers, whose notices were to take effect at the beginning of June. The employers proposed to guarantee the existing rate of wages for the next two years, or to submit the dispute to arbitration. These proposals were rejected by the men, who on June 2nd came out to the number of about 300. As the dispute continued, however, the numbers affected decreased considerably as men found work elsewhere. By the beginning of September no settlement had

been arrived at, and the matter was taken up by the Northern Counties Federation of Building Trades Employers, who on 26th November instituted a general lock-out of bricklayers. The towns principally affected by the lock-out were Newcastle, Gateshead and other Tyneside towns, Blyth, Sunderland, Stockton, Hartlepool and Middlesbrough, and about 1,100 additional operatives were directly and indirectly thrown out of work. On January 23rd, 1901, negotiations for a settlement commenced between the parties, who eventually agreed to refer the dispute to the decision of an umpire mutually agreed upon or nominated by the Board of Trade, whose decision should be given within a fortnight. The Board of Trade, being requested to appoint an umpire, nominated Sir John Taylor, K.C.B. The operative clause of the umpire's award was as follows:—"I do now adjudge and determine that the present rate of wages of 10d. per hour shall remain unchanged, no sufficient reasons having been put before me for its being increased." The case of the labourers was not included in the arbitration, but was decided at a conference between their representatives and the employers, an advance of  $\frac{1}{2}$ d. per hour being conceded, and work was resumed on February 28th. The aggregate number of working days lost during the continuance of these disputes, allowing for fluctuation of numbers, is computed at about 111,000.

*Bricklayers.—Potteries.—Advance of Wages.*—Early in 1900 notice was given by the bricklayers in the Potteries district of Staffordshire for an advance of wages from 8 $\frac{1}{2}$ d. to 9d. per hour. Some proposals to arrange the dispute by means of arbitration were unsuccessful, and on May 1st the men came out to enforce their demand. 500 bricklayers were directly affected, and about 600 workmen of other trades and labourers were indirectly thrown out of work. On May 15th a conference of the parties was held, at which the employers proposed that work should be resumed at an advance in wages of  $\frac{1}{4}$ d. per hour, the question of any further advance to be referred to an umpire to be agreed upon by both sides, and if any advance should be awarded it should date from the day of resumption of work. This offer the men rejected. On May 21st the employers offered to make an advance of  $\frac{1}{2}$ d. per hour. This proposal was also refused, but the men reconsidered the matter, and agreed to return to work on May 28th at an advance of  $\frac{1}{2}$ d. per hour, the agreement to be binding for three years. An aggregate of 20,000 working days measures the duration of this dispute.

*Bricklayers, Norwich.—Advance in Wages, and other Alterations in Working Rules.*—The bricklayers of Norwich gave notice in the spring for an advance in wages from 7 $\frac{1}{2}$ d. to 8 $\frac{1}{2}$ d. per hour, a reduction in the hours of labour from 56 to 52 $\frac{1}{2}$  per week, and for other alterations in working rules. These demands not being conceded, the bricklayers came out on June 1st to the number of 300, about 200 labourers in addition being indirectly affected. The dispute continued through the remainder of the year 1900, many of the men in the meantime finding other work. No

definite settlement was arrived at until June 15th, 1901, when a compromise was arranged, under which the bricklayers are to receive an advance of  $\frac{1}{2}d.$  per hour in wages from 1st January, 1902.

*Carpenters and Joiners, Belfast.—Alterations in Working Rules.*—At the beginning of 1900 notice was given by the carpenters and joiners of Belfast for certain alterations in working rules, involving an advance of wages from  $8\frac{1}{2}d.$  to  $9d.$  per hour, a reduction of hours from 54 to  $52\frac{1}{2}$  per week, and increased pay for country work. The question, whether certain rough work in connection with construction operations "belonged" to the workmen in this trade, was also raised as an important issue. No agreement being come to, the men to the number of 650 came out on May 1st, 300 other workpeople being indirectly affected. Proposals of compromise were made during the continuance of the dispute by either party, but no settlement was arrived at up to the end of 1900. In the middle of April, 1901, the matters in dispute were referred to the decision of an arbitrator. The estimated loss of working time in this dispute was 227,850 days.

*Bricklayers, Masons, and Carpenters and Joiners, Taunton.—Advance of Wages.*—On April 2nd, 250 bricklayers, masons, and carpenters and joiners came out at Taunton for an advance in wages from  $6d.$  to  $7d.$  per hour. 60 other building trades operatives were indirectly affected. The stoppage continued until July 14th, when the men returned to work at an immediate advance of  $\frac{1}{2}d.$  per hour, another advance of like amount to be given on June 1st, 1901.

### Mining and Quarrying.

During 1900 these trades were again comparatively free from serious trade disputes, although, as compared with the previous year, there was a considerable increase in the number of disputes and in the number of persons affected. The increase in the aggregate duration was, however, very slight.

The comparative figures as to numbers and duration are shown in the following table :—

Year.	Number of Disputes.	Number of Workpeople affected.			Aggregate Duration in Working Days of Disputes in each year.
		Directly.	Indirectly.	Total.	
1896 ... ..	171	48,222	18,975	67,197	1,011,648
1897 ... ..	127	35,615	13,777	49,392	1,445,843
1898 ... ..	129	147,397	29,632	177,029	12,876,334
1899 ... ..	109	27,020	19,811	46,831	504,428
1900 ... ..	136	45,455	28,909	74,364	552,932

During the year the coal trade continued to be extremely active and wages high, facts, the influence of which can be seen in the figures as to the duration of disputes.

The relation, which the disputes of this group of trades bore to the total number of the disputes of the year, may be seen from the following statement :—

	Number in 1900.	Per cent. of Disputes in all Trades in 1900.
Disputes ... ..	186	21·0
Workpeople affected :—		
Directly ... ..	45,455	33·6
Indirectly ... ..	28,909	54·1
Total ... ..	74,364	39·4
Aggregate duration in working days ...	552,932	17·5

The statistics dealing with the causes and results of the disputes of this group are summarised in the following statement :—

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total, including In-definite or Un-settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work-people.	In favour of Em-ployers.	Com-promised.		
Wages :—						
For increase ..	46	2,098	923	4,140	7,161	220,159
Against decrease..	6	184	..	500	684	2,635
As to system of payment of wages	8	746	50	30	826	16,359
Re-adjustment of rates.	26	643	453	2,313	3,481	39,417
Other .. ..	4	1,500	15	200	2,265	10,086
Total wages ..	90	5,171	1,441	7,183	14,417	285,036
Hours of labour ..	4	..	75	374	449	51,764
Employment of particular classes or persons.	11	1,586	186	1,903	3,654	31,890
Working arrangements, rules, and discipline.	14	654	2,809	2,718	8,481	86,154



Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected Disputes beginning in 1900, by the results of which were—			Total, including In- definite or Un- settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised.		
Trade Unionism ..	15	16,741	283	..	17,004	78,673
Other .. .. .	2	250	..	1,200	1,450	9,675
<b>Total Mining and Quarry- ing.</b>	<b>136</b>	<b>24,632</b>	<b>4,273</b>	<b>13,378</b>	<b>45,455</b>	<b>552,932</b>
<i>Percentage</i> ..	..	54.30	9.40	29.43	100.00	..
<b>Grand Total— all Trades.</b>	<b>648</b>	<b>40,612</b>	<b>33,497</b>	<b>56,399</b>	<b>135,145</b>	<b>3,152,694</b>
<i>Percentage</i> ..	..	30.05	24.79	41.72	100.00	..

This table shows that while wages disputes come first in point of general magnitude—that is, importance as measured both by the numbers of persons directly affected and by duration—in respect to number of persons involved only, the principal cause of disputes in this group of trades has been Trade Unionism. The contests in question, arising chiefly out of the refusal of Unionist workmen to work with non-Unionists may in many cases be considered as disputes between different bodies of workpeople, rather than as disputes between workpeople and employers, the employers frequently remaining neutral. As will be seen from the figures, most of the disputes due to this cause lasted only a few days and they nearly all resulted in the victory of the Unionist workmen. For the sake of uniformity they are included in the table among disputes resulting “in favour of the workpeople;” but it is of importance to point out that, while the table shows the general percentage of workpeople affected by disputes which resulted in favour of the workpeople as 54.3, on the other hand, if we leave out of consideration these differences between Unionists and non-Unionists, this percentage would be reduced to 27.9, while that with regard to disputes resulting in favour of the employers would be increased from 9.4 to 14.1, and that of disputes compromised from 29.4 to 47.0.

It should be remarked that the table deals only with the numbers of persons directly affected, and it should be borne in mind that in the mining industry the proportion of persons thrown out of work indirectly is always very high, since the stoppage of a small section of workers may have the effect of laying idle the whole of a colliery.

Coal mining being the predominating industry included in this group of trades, it is unnecessary in most years to refer in detail to any of the other sections. In 1900, however, it was

in the quarrying section that the most important dispute of this group took place. This was the stoppage of the Penrhyn quarrymen which involved 2,500 men and had not terminated at the end of the year. The circumstances under which this dispute took place are briefly summarised below.

*Quarrymen.—Bethesda.—Objection to Contract System.*—On October 24th, on account of a strong feeling existing among the workmen employed in Lord Penrhyn's quarries at Bethesda against the contract system of giving out work, one of the contractors was driven out of the quarries by the men, the partner of this contractor and his two sons being similarly expelled a few days later. On November 6th, 17 persons, alleged to be concerned in assaults on these contractors, surrendered to the police, and were accompanied to Bangor by practically the whole of the quarrymen. Notice was thereupon given by the management that as a number of the employees had "during the last fortnight actively participated in certain acts of violence and intimidation against some of their fellow workmen and officials, and to-day nearly all the employees have left their work without leave, notice is hereby given that such employees are suspended for 14 days." Subsequently an attempt was made to re-start work, and on November 21st, the men worked all day, but on November 22nd little, if any, work was done, and the management complained that men had been prevented from working by disturbance and intimidation, and issued a notice again closing the quarries. During the third week in December a conference was held between the manager of the quarries and four representatives of the workmen; and subsequently the manager formulated certain terms of settlement, which, however, were not accepted by the men. The stoppage of the quarries continued in full force throughout the winter months but, during the time applications for employment were received by the management. On May 14th, 1901, the officials of the works commenced to prepare for a re-opening of the quarries. On May 20th notice was given that work would be resumed on June 11th, and on that date the quarries were thrown open and work recommenced. The statements made as to the number of men accepting employment differ, but the quarries remain open and work continues.

In the following paragraphs features of interest in connection with other important disputes of the mining industries are given.

*Tippers.—New Tredegar.—Increase of Wages.*—On June 11th, 11 tippers at New Tredegar came out for an advance of wages, and, indirectly, over 1,300 other workers were thrown idle. After a stoppage of four days it was agreed that the tippers should receive a bonus of 1s. 6d. upon every 100 tons of coal raised above an average of 833 tons per day.

*Pony Drivers.—Pontefract.—Increase of Wages and Reduction of Hours.*—130 pony drivers came out on August 10th for an

advance in wages and a reduction of hours to eight per day. 950 other workpeople were indirectly affected. The dispute continued until August 17th, when work was resumed on the old conditions.

*Day Wage Men.—Rhymney.—Advance of Wages.*—On August 1st, 600 day-wage men at Rhymney ceased work to obtain an advance on the standard wage rate. 830 other persons were indirectly thrown out. The pits were idle three weeks, at the end of which time the advance of wages was conceded to the men.

*Miners.—Derby.—Increase of Wages for using Lamps.*—The hewers at a colliery near Derby, being required to work with lamps, asked for an advance in price of 1*d.* per ton in consequence of the change. This was refused, and 453 operatives ceased work on November 27th. After a stoppage of six and a half days, work was resumed at an advance of  $\frac{3}{4}$ *d.* per ton.

*Pit Lads. — Leen Valley. — As to Payment of Advance of Wages.*—During the last few days in October and the first few days in November the pit lads at several of the collieries in the Leen Valley district of Nottingham came out, to the number of 526, laying 2,928 workmen idle. The boys ceased work because, being entitled to the general wages advance of five per cent., they were paid an increase of 1*d.* per day all round, instead of an actual five per cent. on the wage each was receiving. It was ultimately agreed that each boy should receive five per cent. upon his earnings. The aggregate number of working days lost in this case was 13,909.

*Colliery Enginemen.—Cannock Chase.—Eight Hours Day.*—On November 19th, 270 enginemen employed about the collieries of the Cannock Chase district came out to enforce a demand for a reduction in the hours of labour from 12 to 8 per day. 5,000 other workers were indirectly thrown idle. The dispute after a duration of 7 $\frac{1}{2}$  days ended by the men returning to work on a compromise which conceded a reduction of two hours per day to certain classes of men with an advance of wages to all classes of enginemen.

*Refusals to Work with Non-unionists.*—As already stated, there were during the year a considerable number of disputes arising out of the refusal of miners to work with men who were not members of the Union. Of these a few of the more important may be referred to :—

At Hamilton 690 men came out on 23rd July, and were out until August 25th, with the result that the men objected to joined the Union.

At Burnley 1,398 men were out four days to compel non-Union men to join the Union, and succeeded in their object.

In South Wales there were several stoppages of this kind. In five cases 12,613 workers were involved, and these disputes had an aggregate duration of 40,573 working days. In each case the non-Unionists either joined the Union or left the employment.

*Enginemmen, Stokers, &c.—South Wales, Western District.—Advance of Wages.*—In April notice was given in the case of ten collieries for such an advance of wages as would bring this class of workmen up to the general standard of the district. No agreement being arrived at, 200 men came out, and indirectly laid idle 5,000 miners and other workers. After a stoppage of three working days certain advances in wages and reductions in working hours were made to the men, and work was resumed.

### Metal, Engineering and Shipbuilding Trades.

From the following table it will be seen that both as to number of disputes, number of persons affected, and aggregate duration in working days 1900 was a considerable improvement upon any of the four years preceding it.

Year.	Number of Disputes.	Number of Workpeople affected.			Aggregate Duration in Working Days of Disputes in each year.
		Directly.	Indirectly.	Total.	
1896 ... ..	266	33,228	14,909	48,137	862,760
1897 ... ..	229	67,146	30,043	97,189	7,141,289
1898 ... ..	152	15,105	6,327	21,432	1,370,764*
1899 ... ..	140	14,427	6,692	21,119	420,660
1900 ... ..	111	10,400	9,410	19,810	349,130

\* Of this, 1,118,000 days represents the portion of the Engineers' dispute of 1897-8 which fell within the year 1898.

Having regard to the extent of this group and the variety of occupations which it includes, it has been remarkably free from disputes of any importance, and the proportion borne by the disputes in this group of trades to the total in all trades together is very small, as may be seen from the following summary :—

					Number in 1900.	Per cent. of Disputes in all Trades in 1900.
Disputes ... ..	...	...	...	...	111	17.6
Workpeople affected :—						
Directly ... ..	...	...	...	...	10,400	7.7
Indirectly ... ..	...	...	...	...	9,410	17.6
Total ... ..	...	...	...	...	19,810	10.5
Aggregate duration in working days ... ..	...	...	...	...	349,130	11.1

METAL, ENGINEERING AND SHIPBUILDING TRADES. xxxiii

Owing to the magnitude of this group of trades it is desirable to analyse it by sections and to show the extent to which each of the separate branches was directly affected. This is done in the following summary :—

Trade.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total, including Indefinite or Unsettled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised.		
Pig iron and iron and steel manu- facture.	11	378	192	483	1,173	108,503
Engineering and shipbuilding.	67	1,353	2,197	3,427	6,977	186,710
Tinplate making ..	10	42	93	373	508	12,763
Miscellaneous metal trades.	23	299	882	531	1,742	42,154
Total ..	111	2,072	3,374	4,814	10,400	349,130

Although comparatively unimportant as to number of disputes and persons involved, the iron and steel manufacture section shows a more than proportionate share of the aggregate duration for the whole group, which is due to the fact that two or three disputes were very prolonged in 1900; indeed these disputes were not even finished in that year, but left a considerable balance of lost time to be carried forward into the present year. Engineering and shipbuilding show some increase in the figures as to duration compared with the previous year, but the other sections give much smaller totals.

Owing to the varied conditions, under which the different sections of this group are carried on, a summary showing causes and results is here presented for the engineering and shipbuilding branches only, these forming the largest and most closely related section of the group :—

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total, including In- definite or Un- settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised.		
Wages:						
For increase ..	28	9	824	1,101	1,934	66,566
As to system of payment wages. ..	5	600	267	..	867	34,525
Other ..	7	74	81	472	627	5,094
Total ..	38	683	1,102	1,573	3,446	106,085

[Table continued on p. next.]

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total, including In- definite or Un- settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people	In favour of Em- ployers.	Com- promised.		
Employment of par- ticular classes or persons:						
Disputes between classes of work- people.	5	..	53	111	164	1,675
Other .. ..	9	614	250	552	1,416	17,616
Total .. ..	14	614	303	663	1,580	19,291
Working arrange- ments, rules and discipline.	6	40	85	431	556	7,271
Trade Unionism ..	8	16	610	760	1,386	52,829
Miscellaneous ..	1	..	7	..	7	224
Total Engineer- ing and Ship- building.	67	1,353	2,197	3,427	6,977	125,710
Percentage .. ..	..	19'39	31'49	49'12	100'00	..
Grand Total—all Trades .. ..	648	40,612	33,497	56,390	135,145	3,152,694
Percentage .. ..	..	30'05	24'79	41'73	100'00	..

The figures just set forth show that out of a total of 67 disputes, 38, or nearly 57 per cent., embracing 49 per cent. of all the persons involved, arose on questions of wages. Of these again by far the largest proportion were for advances in wages, those against decrease being quite unimportant.

The balance of results in wages disputes shows a smaller proportion of success to the workpeople than in the previous year. Thus in 1899, 65 per cent. of the operatives involved were entirely successful, but in 1900 this percentage was only 20. Taking together all the branches of the engineering and shipbuilding trades, we find that the results of the disputes were as shown by the following percentages :—In favour of workpeople, 19·39 ; of employers, 31·49 ; compromised 49·12.

Some of the disputes of this group present features of interest, and in regard to these a few particulars will be given :—

*Rivet Heaters.—River Clyde.—Payment by Day, or by Results.*  
—Up to February 22nd, the boys employed as rivet heaters in the shipbuilding yards of the Clyde district had been paid by the gangs of rivetters of which they formed a part, under a time work system, the rivetters themselves taking the work by the piece. The rivetters, however, came to a decision that the

boys also should be paid by the piece, and should share in the joint earnings of their gang, in the proportion of 2s. 3d. in the pound. To this proposed change the boys declined to agree, and came out on the day named, and remained out until March 7th. They numbered about 600, and 1,800 other workers were also stopped by the dispute. Work was resumed by the rivet heaters on the old conditions, on the understanding that there should be a conference on the subject of dispute. This conference resulted in the withdrawal of the proposed change in all cases in which the heaters refused to agree to it, but in a number of instances, reported to amount to about one half, the new system of payment was adopted.

*Ship Painters.—London.—Refusal of Members of one Trade Union to work with Members of another Trade Union.*—In this case the members of the East London Painters' Trade Union alleged certain grievances against the members of the Amalgamated Society of House Painters and Decorators. On April 9th, the members of the East London Society ceased work in nine firms to the number of 450. Trade being good generally at the time, those who came out soon found other employment, and there was but little actual loss of working time. Later in the year it was reported that a permanent settlement of the matters in dispute had been effected by the fusion of the two Unions concerned.

*Iron Dressers.—West of Scotland District.—Wages and other Conditions of Labour.*—For some time the iron and steel dressers in the districts around Glasgow had been negotiating an advance of  $\frac{1}{4}$ d. per hour on their wages. The employers were willing to make this advance, but, as a condition, required the men to accept certain proposals as to the general conditions of labour. These conditions included the right of the employers to employ either Union or non-Union men, and an undertaking that no undue influence should be used to compel any man to join a Society, and that Unionists should work in harmony with others. The power to have work done by time or piece was also claimed, and conditions were laid down as to overtime, and non-interference of the Union in the management of workshops. The men refused to assent to these conditions, and came out on April 16th. In Glasgow and places not directly concerned in the dispute the employers locked out their dressers, and over 1,000 men were affected altogether. The dispute involved a loss of 47,890 working days and resulted in the men receiving the advance asked for, and the employers enforcing their general conditions with slight modification.

*Smiths' Hammermen.—South Wales and Monmouth.—Advance of Wages.*—In the Bristol Channel ports 250 smiths' hammermen came out in support of a demand for an advance of wages from 27s. to 30s. per week. Over 9,000 working days were lost, and the men returned to work on the old conditions.

*Iron Shipbuilders. — West Hartlepool. — To Enforce Payment of Trade Union Fines.*—At Hartlepool 470 men engaged in different branches of the iron shipbuilding trade came out on December 10th to compel four members of their Trade Union to pay fines imposed upon them for violation of the trade regulations of the Society. The dispute was terminated on January 7th, 1901, by the men in question paying the fines.

*Labourers in Tube Works. — Glasgow. — Wages and other Conditions of Labour.*—On November 8th, 500 labourers engaged in a Glasgow tube manufactory left their work to enforce demands for payment to firemen for all hours worked, a minimum wage for turner-up assistants, a general minimum wage for the workers and other changes. By November 23rd, the dispute had collapsed, many of the labourers were replaced, and those for whom places could be found returned to work on the old conditions.

*Tin Plate Workers, Swansea. — Working Arrangements.*—In this case 12 boys engaged as bundlers of shearings in a tin plate works were out for 12 days, and laid idle 440 other workpeople. The cause of dispute was a demand that the number of boys engaged in this work should be increased by one-third. Work was resumed on the old conditions on the understanding that all disputes should be referred to the Conciliation Board of the Trade.

*Blastfurnacemen. — Blaenavon. — Advance of Wages.*—On September 9th, 275 blast furnacemen came out from the Blaenavon Iron Works, and 325 mill workers and other operatives were indirectly affected. The action thus taken was in support of a demand that the men should receive an advance of 15 per cent. on Standard Wages, and should be paid on a minimum output of 600 tons per furnace per week. The stoppage continued to affect indirectly other branches of labour in the district, and in February, 1901, an unsuccessful attempt was made by the men's Union to arrange for a settlement under the Conciliation Act. The dispute was finally arranged in June of the present year at a conference of the parties concerned, mutual concessions being made and terms of compromise agreed to. There was an aggregate duration of over 140,000 working days in this case.

### Textile Trades.

Employment continued fairly good in the principal branches of the textile trades during 1900, but, in no case was the state of the labour market so good as in the previous year. The disputes affecting the trades included in this group were not important, being mostly local and sectional in their character. Nor do the statistics in connection with them present any special feature. As to number of disputes, the figures show the smallest total of any of the five years here tabulated. In respect to



numbers of persons affected, and aggregate duration in working days, the figures are also lower than in any of the preceding four years except 1898, when the disputes of these trades were of no great magnitude. Particulars as to number of disputes and their magnitude are shown in the following summary :—

Year.	Number of Disputes.	Number of Workpeople affected.			Aggregate Duration in Working Days of Disputes in each year.
		Directly.	Indirectly.	Total.	
1896 ... ..	153	23,284	10,372	33,656	519,917
1897 ... ..	108	25,063	11,938	37,001	677,615
1898 ... ..	99	11,706	13,272	24,978	273,564
1899 ... ..	124	51,322	9,677	61,499	552,485
1900 ... ..	96	15,571	8,572	24,143	411,368

The proportion, which the disputes of this group of trades forms of the general total of disputes in all trades in the year, is shown in the following table :—

—	Number in 1900.	Per Cent. of Disputes in all Trades in 1900.
Disputes ... ..	96	14·8
Workpeople affected :—		
Directly ... ..	15,571	11·5
Indirectly ... ..	8,572	16·1
Total ... ..	24,143	12·8
Aggregate duration in working days ...	411,368	13·0

The summary by causes and results of the disputes in these trades is shown in the following statement :—

Principal Cause or Object.	Number of Disputes.	Number directly affected by Disputes beginning in 1900, the results of which were—			Total including In-definite or Un-settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work-people.	In favour of Em-ployers.	Com-promised.		
Wages :—						
For increase ..	20	945	2,503	1,236	4,674	294,168
Against decrease ..	7	30	91	120	359	6,180
Readjustment of rates.	50	3,843	1,105	2,748	7,696	90,556
Other .. ..	1	30	..	..	30	1,920
Total .. ..	78	4,848	2,699	4,104	12,974	392,824

[Table continued on p. xxviii.]

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total including In- definite or Un- settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised.		
Employment of par- ticular classes or persons :—						
For reinstatement of dis- charged work- people.	8	523	390	289	1,207	9,096
Other .. ..	4	173	14	94	281	856
Total .. ..	12	701	404	383	1,488	9,952
Working arrange- ments, rules and discipline.	6	22	544	543	1,109	18,582
Total Textile Trades ..	96	5,571	4,647	5,030	15,571	411,368
Percentage ..	..	35·78	29·84	32·30	100·00	..
Grand Total— all Trades ..	648	40,612	33,497	56,390	135,145	3,152,694
Percentage ..	..	30·05	24·79	41·72	100·00	..

This table deals only with those workpeople who were directly affected by the disputes of the year. It shows that of the total of 96 disputes of the whole group, 78, or 81·3 per cent., involving 83·3 per cent. of the total persons affected, arose on questions of remuneration. It may also be remarked that of the disputes arising under this head 50, embracing 60·7 per cent. of all the persons engaged in wages disputes, were differences with respect to readjustments of rates (the general basis of the wage standard not being in controversy). Questions of this nature form a very common subject of dispute in these trades.

The following summary shows the results of all the disputes in these trades, with the numbers of persons indirectly affected excluded and included respectively :—

Result.	Percentages based on Workpeople <i>directly</i> affected.	Percentages based on all Workpeople affected, <i>directly</i> and <i>indirectly</i> .
In favour of the workpeople ...	35·78	28·86
In favour of employers ... ..	29·84	40·97
Compromised ... ..	32·30	28·67
Indefinite ... ..	2·08	1·50

This group of trades employs female labour very largely, and it is the only one in which the disputes involve women and girls to any appreciable extent. According to the Home Office returns for 1897, which are the latest available, the entire group of textile industries employed 1,210,247 workpeople, of whom 32 per cent. were men, 42 per cent. women, and 26 per cent. young persons under 18, and children working half time.

A division of the group into its various sections will show the relative importance of the disputes in 1900 in each section. This is made in the following statement :—

Trade.	Number of Disputes.	Workpeople affected.					Total Indirectly affected, including Indefinite Disputes.	Aggregate Duration in Working Days in 1900.
		Directly.						
		Number affected by Disputes the results of which were—			Total Directly affected, including Indefinite Disputes.			
		In favour of Workpeople.	In favour of Employers.	Compromised.				
Cotton spinning ...	19	538	1,405	1,119	3,062	6,022	299,228	
Cotton weaving ...	54	4,321	932	3,681	9,119	796	70,867	
Woollen and worsted manufacture.	4	58	525	—	583	—	3,412	
Linen and jute manufacture.	10	539	1,212	100	1,851	976	17,781	
Minor textile trades ...	7	115	543	130	788	740	17,756	
Printing, bleaching, and dyeing.	2	—	30	—	168	38	2,324	
Total ...	96	5,571	4,647	5,030	15,571	8,572	411,368	

This table shows that nearly 90 per cent. of the aggregate duration in working days of the whole of the disputes in the textile group had reference to the two sections of the cotton trade. It is also seen that, while the number of persons affected by the disputes of the weaving branch of the cotton trades was somewhat in excess of that of the workpeople affected by the disputes in the spinning branch, the latter were much more serious if their magnitude is measured by aggregate duration in working days.

A few of the more important disputes of this group of trades may now be referred to.

*Cop Winders.—Paisley.—For Advance of Wages.*—On February 26th, 483 women employed as cop winders in a thread manufactory at Paisley came out for an advance of wages, and their action involved 600 other workers indirectly. After a stoppage of ten days, work was resumed on the old conditions.

*Cotton Spinners.—Wigan.—For Advance of Wages.*—On May 18th, 1,291 card-room operatives came out on strike for an advance of 10 per cent. on male workers' wages and 5 per cent. on those of female workers; 3,445 other operatives were indirectly affected. The stoppage continued over 60 working days, when a conference was arranged by a local gentleman acting as mediator between the disputants. The conference arranged that work should be resumed on the old conditions subject to an understanding that a future conference should consider whether the state of trade would then justify an advance.

*Cotton Reelers.—Oldham.—For Advance of Wages.*—Four hundred reelers were out for ten days in support of their demand for an advance of 5 per cent. in wages. They succeeded in obtaining an advance of 7d. in the £.

*Card-room Operatives.—Rawtenstall.—For Advance in Wages.*—One hundred card-room operatives came out in this case for advanced wages and involved in the stoppage 418 other workers. They were out for 45 days and resumed work on an agreement that the Oldham list of prices should be paid—a settlement which caused advances in some cases and reductions in others.

*Flax Bundlers.—Cork.—For Advance in Wages.*—In this case a few flax bundlers came out for an advance of wages, causing the stoppage of 655 operatives. After a stoppage of 12 days work was resumed on the old conditions.

*Cotton Operatives.—Alleged Bad Material.*—Under this head a considerable number of disputes arise in the textile trades, caused by unavoidable natural defects in the material used rendering it difficult to spin or weave and thus causing reduction of earnings. Of this class of dispute a few of the principal may be referred to :—

*Weavers.—Chorley.*—350 weavers, involving 100 other workers, were out from this cause for 12 days, but resumed work on the understanding that complaints should be afterwards considered.

*Weavers.—Burnley.*—296 weavers were out on this account for 13½ days, and returned to work on the firm concerned paying a bonus as compensation for the increased difficulty in working the material.

*Spinners.—Mossley.*—In this case 924 operatives were out for 27 days, and resumed work on the following terms of agreement :—

"(1) That spinners are entitled to such conditions as will enable them to keep their mules at work with a reasonable degree of comfort; (2) that in future, if spinners make complaint on these grounds, the work to be examined within three days by two arbitrators with full powers to make awards; (3) that the books be examined, and if it be found that spinners lost wages during the last four weeks of working compared with the same period of last year, such amount to be allowed as compensation."

### Clothing Trades.

The disputes in this group of trades during 1900 were, as in the previous year, of little importance. Only 38 disputes, involving 2,154 workpeople, took place, and the aggregate duration of all disputes was but 60,121 days.

In the following table figures for 1900 are given as regards the number of disputes, the number of workpeople directly and indirectly affected, and the aggregate duration of disputes in working days during 1900, together with the comparative figures for the years 1896-1899 :—

Year.	Number of Disputes.	Number of Workpeople affected.			Aggregate Duration in Working Days of Disputes in each year.
		Directly.	Indirectly.	Total.	
1896	48	2,949	1,020	3,969	98,734
1897	56	6,002	1,014	7,016	301,082
1898	53	2,891	670	3,561	69,900
1899	37	1,454	804	2,258	42,154
1900	38	2,125	29	2,154	60,121

In the next table the principal causes of the disputes in this group of trades are shown, together with the percentage proportion of workpeople directly involved in the various classes of disputes, with the corresponding percentages for the years 1896-1899 :—

Principal Cause or Object.	Percentage proportion of Workpeople <i>directly</i> affected in				
	1896.	1897.	1898.	1899.	1900.
Wages ... ..	78.2	91.4	75.6	43.4	45.8
Employment of particular classes or persons	12.3	3.8	6.6	16.3	15.7
Working arrangements	3.2	1.3	10.9	17.2	38.5
Other ... ..	6.3	3.5	6.9	24.1	...
	100.0	100.0	100.0	100.0	100.0

It will be seen that in each year the class of disputes in which the largest proportion of the workpeople directly affected was involved, is that, which related to wages questions. In 1900 the number of workpeople affected by disputes as to working arrangements was abnormally large, this being largely due to the inclusion under this head of a dispute with respect to the abolition of outwork in which 600 tailors in Dublin were involved.

The extent, to which the principal trades included in this group were affected by disputes in 1900, may be seen from the following summary :—

Trade.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total, including In- definite or Unsettled disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised.		
Boot, shoe, and clog ..	19	492	100	98	850	11,459
Tailoring .. ..	17	230	277	53	1,160	47,746
Other clothing .. ..	2	99	16	—	115	917
<b>Total Clothing Trades..</b>	<b>38</b>	<b>821</b>	<b>393</b>	<b>151</b>	<b>2,125</b>	<b>60,121</b>
<i>Percentage .. ..</i>	<i>..</i>	<i>38.64</i>	<i>18.49</i>	<i>7.11</i>	<i>100.00</i>	<i>..</i>
<b>Grand Total—all Trades</b>	<b>648</b>	<b>40,612</b>	<b>33,497</b>	<b>56,399</b>	<b>135,145</b>	<b>3,152,694</b>
<i>Percentage .. ..</i>	<i>..</i>	<i>30.05</i>	<i>24.79</i>	<i>41.72</i>	<i>100.00</i>	<i>..</i>

Transport Trades.

The disputes in the transport trades during 1900 were not only more numerous than in any of the previous four years, but were much more important in point of magnitude. A comparative statement for five years is given in the following table :—

Year.	Number of Disputes.	Number of Workpeople affected.			Aggregate Duration in Working Days of Disputes in each year.
		Directly.	Indirectly.	Total.	
1896	25	3,232	80	3,312	23,043
1897	48	11,847	676	12,523	76,497
1898	22	3,344	134	3,478	46,771
1899	47	11,735	876	12,611	62,450
1900	50	20,293	2,733	23,026	303,780

The branches of labour, from which this increase in the dispute figures has chiefly arisen, were dock and riverside labour, as will be seen from the following summary :—

Trade.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900, the results of which were—			Total including In-definite or Un-settled disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work-people.	In favour of Em-ployers.	Com-promised.		
Dock and Riverside Labour.	24	1,321	9,373	5,642	16,336	230,315
Railway Servants..	7	50	1,363	466	1,881	24,490
Other Transport ..	9	204	1,724	148	2,076	48,966
<b>Total Transport Trades.</b>	<b>50</b>	<b>1,575</b>	<b>12,460</b>	<b>6,256</b>	<b>20,293</b>	<b>303,780</b>
<i>Percentage ..</i>	<i>..</i>	<i>7'76</i>	<i>61'40</i>	<i>30'84</i>	<i>100'00</i>	<i>..</i>
<b>Grand Total—all Trades.</b>	<b>648</b>	<b>40,612</b>	<b>33,497</b>	<b>56,390</b>	<b>135,145</b>	<b>3,152,694</b>
<i>Percentage ..</i>	<i>..</i>	<i>30'05</i>	<i>24'79</i>	<i>41'72</i>	<i>100'00</i>	<i>..</i>

A reference to the table on p. lxxii will show that the greater part of the contests which took place in these trades, had reference to wages questions, about 60 per cent. of the persons involved in all the disputes of the group being concerned in disputes of this class. The summary also shows that a considerable majority of the workpeople involved in these disputes were unable to obtain success.

Two of the more important disputes of the year were in this group, viz., those affecting Thames Lightermen and the employees of the Taff Vale Railway Company. The following are brief accounts of these disputes.

*Lightermen.—London.—Interpretation of Arbitration Award.—Advance of Wages.*—(One of the most important among the disputes of 1900 in the group of trades now under consideration was that which arose in the latter half of the year between the lightermen on the Thames and their employers. The subjects in dispute were the interpretation of the award made in regard to the conditions of employment in this branch of labour by Lord Brassey in 1889, an advance in the wages of watchmen, and certain other alterations asked for by the men. After some negotiations, arbitration was accepted in principle by both sides, together with the maintenance of Lord Brassey's award, but on October 13th the lightermen employed by five firms came out. In consequence, the employers rescinded their offer to accept arbitration. The cessation of work spread, and by the beginning of November about 1600 men were involved. An application

under the Conciliation Act was made to the Board of Trade on behalf of the workpeople on October 26th, but the Board were unable to arrange a conference. The dispute terminated on January 24th, 1901, when the employers' interpretation of the terms of Lord Brassey's award was accepted by the men, an advance of 6d. per day or per night being at the same time granted by the employers to the watchmen.

*Employees of Taff Vale Railway Company.—Dismissal of Workman.—Claim for Recognition of Trade Union.*—Another serious dispute in this group of trades occurred among the employees of the Taff Vale Railway Company, which took place in August, 1900. A movement aiming at certain improved conditions of service had for some months been taking place among these railwaymen, and they charged the Company with having dismissed a signalman because he had taken part in deputations on behalf of the men. The Company denied having dismissed this signalman, stating that during his prolonged absence through illness his situation had inevitably been filled up, but that on his recovery another had been offered to him. The men came out on August 20th to the number of 1,200. The Company throughout declined to deal with the Amalgamated Society of Railway Servants. After some negotiations by the Board of Trade the dispute was finally adjusted through the mediation of Sir W. T. Lewis on the following terms:—

It was agreed that the question of the treatment of the signalman should be referred to the President of the Board of Trade, and that all men should be reinstated within one month. The pension rights of the men were not to be affected by the break in service owing to the strike, all legal proceedings against them were to be abandoned, and the concessions as to wages, &c., promised at the time of the rupture were to be fulfilled.

It was also agreed that, if possible, a Conciliation Board should be established by the local railway companies and their employees before October 31st, and that the claims of the men should be considered by that Board. Failing the formation of the Board by that date, the claims of the men were to be considered by the Taff Vale Railway Company.

Work was resumed on August 31st. On October 20th the President of the Board of Trade informed the Secretary of the Amalgamated Society of Railway Servants that he had "come to the conclusion that, although it was not unnatural for Ewington to have felt that his place was somewhat hastily filled up, yet the final offer of the Company to him was certainly liberal, and removed any ground of complaint which might have been held to exist."

A few of the minor disputes in this group of trades will now be briefly described.



*Dock Labourers.—London.—Wages.*—On January 15th, 1,500 dock labourers employed at the Royal Albert Docks came out for an advance in wages from 6*d.* to 7*d.* per hour between 7 a.m. and 6 p.m., and from 8*d.* to 1*s.* per hour after 6 p.m. After a stoppage of 3½ days the men returned to work under a compromise which gave them an advance to 7*d.* per hour between 7 a.m. and 6 p.m.; to 10*d.* per hour from 6 p.m. to 10 p.m., and 1*s.* per hour after 10 p.m.

At Tilbury Docks 750 men came out a week later for the same object, and obtained a like result, after a stoppage of two days.

*Dock Labourers.—London.—Method of Engagement and Wages.*—On June 5th, the dock labourers at the Victoria Docks struck work because a firm of contractors refused to engage men outside the docks only. Gradually the dispute spread to the other principal London docks, so that ultimately about 4,000 men including casual labourers were involved. The dockers' Trade Union issued a manifesto stipulating what the general hours and conditions of engagement should be, and also demanding an advance in wages of 1*d.* per hour on day work, and 3*d.* per hour for night work. The dispute continued until July 7th, when the men returned to work without having secured any concessions except that the shipowners undertook to improve the arrangements for the engagement of labour, by erecting sheds at the docks in which men might assemble when applying for work.

*Dock Labourers.—Southampton.—Wages.*—The coal heavers at the port of Southampton to the number of 500 ceased work on April 11th to enforce a demand for an advance from 1½*d.* to 2*d.* per ton for day work; from 2*d.* to 2½*d.* for night work, and 2*d.* to 3*d.* per ton for Sunday work. After a stoppage of 8 days work was resumed on a compromise which allowed the men an advance of ½*d.* per ton on night work, and ¼*d.* per ton on Sunday work.

*Dock Labourers.—Bristol.—Wages.*—From June 18th to June 30th, 1,500 dock labourers and 400 others indirectly affected were out in the Bristol ports in support of a demand for certain advances in wages. Labour was imported from other districts; but on June 30th an agreement was arrived at under which work was resumed on the old terms pending a reference of the matters in dispute to arbitration. The arbitrators' award gave to the men advances in wages varying in amount from 3*d.* to 6*d.* per day.

*Tugboatmen.—River Clyde.—Working Hours and Overtime Pay.*—On June 25th, 170 men employed in tugboat service on the river Clyde ceased work in support of a demand for a reduction in working hours, and extra payment for work done between 6 p.m. on Saturdays and 6 a.m. on Mondays, 2*s.* 6*d.* other

workmen being indirectly affected. The dispute lasted for 62 working days, and resulted in the return of the men to work on the old conditions.

*Dock Labourers.—Dublin.—Wages and Non-Union Labour.*—1,000 dock labourers were out in Dublin from July 2nd to July 20th, for an advance in the rates of wages and prohibition of the employment of non-Union men. They were unsuccessful on both points, and returned to work on the employers' terms.

*Coal Porters.—London.—Number of Men to a Gang.*—On January 29th, 600 coal porters came out from their employment at the Victoria and Albert Docks, for an increase from six men to seven in the strength of the winchmen's gang, and from two men to three in the case of the steam barge gang. There was, however, little difficulty in finding other men, and in a few days the men had returned to work on the old terms.

*Steam Trawlersmen.—Aberdeen.—Distribution of Work, &c.*—On May 5th, the engineers and firemen employed in steam trawlers at Aberdeen, ceased work because the firemen refused to continue the system of assisting to do certain deck work at sea in addition to their duty of firing. After a few days the deck hands and cooks demanded an advance of wages, and in all 2,200 persons were directly and indirectly involved in the dispute. By May 28th, however, there had been a general resumption of work by the men upon the terms of the employers.

*Mineral Railway Guards.—North Eastern Railway.—Working Arrangements.*—From December 10th to December 17th, 225 mineral train guards in the service of the North Eastern Railway Company were out against an alteration in working arrangements, and 584 other employees were also prevented from working. The special cause of dispute was the issue of an order by the Company that in future brake vans should be used indiscriminately as might be most convenient, instead of each guard having a van specially allotted to him. In the result, work was resumed pending a conference with the Company, at which it was agreed that the guards should have their own vans when this could be arranged without special shunting or loss of time.

### Miscellaneous Trades, and Employees of Public Authorities.

The actual number of disputes in this group of trades was smaller than in the previous year, but in point of numbers of

persons involved and aggregate duration the figures are very much higher, as will be seen from the following table :—

Trade.	Number of Dis-putes.	Number of Workpeople affected.			Aggregate Duration in Working Days in 1900.
		Directly.	Indirectly.	Total.	
Printing, &c. ... ..	5	269	213	482	18,924
Woodworking and fur-nishing.	17	1,058	76	1,129	13,496
Brick, glass, pottery, &c.	17	21,093	363	21,456	680,109
Food and tobacco ...	8	700	52	752	18,128
Other trades ... ..	13	1,115	34	1,149	9,615
Employees of public authorities.	11	798	97	895	8,465
Total in 1900 ... ..	71	25,028	835	25,863	748,737
" " 1899 ... ..	82	4,820	555	5,375	80,032
<i>Percentage of Disputes in all Trades in 1900</i>	<i>11·0</i>	<i>18·5</i>	<i>1·6</i>	<i>13·7</i>	<i>23·7</i>
<i>Do. Do. 1899</i>	<i>11·4</i>	<i>3·5</i>	<i>1·3</i>	<i>3·0</i>	<i>3·2</i>

The largeness of the figures for 1900 is due to the fact that they include the very important dispute in Staffordshire in which 20,000 operatives in the pottery trade were involved, and which had a duration of 640,000 working days, or about 86 per cent. of the duration for the entire group. Some account of this dispute will be found below.

Information as to causes and results under different heads and numbers directly affected by the disputes, which took place in this group of trades, is given in the following summary :—

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900 the results of which were—			Total including In-definite or Un-settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work-people.	In favour of Em-ployers.	Com-promised.		
<b>Wages :—</b>						
For increase .. ..	37	533	1,407	21,136	23,066	723,161
Against decrease ..	4	193	..	38	231	1,563
As to system of pay-ment.	7	68	64	47	179	2,899
Other .. ..	2	96	..	..	96	2,141
Total Wages .. ..	50	890	1,471	21,221	23,569	729,764
<b>Hours of labour .. ..</b>	<b>2</b>	<b>69</b>	<b>..</b>	<b>200</b>	<b>269</b>	<b>800</b>
<b>Employment of particular classes or persons :—</b>						
For re-instatement ..	5	12	43	116	171	4,053
Other .. ..	5	14	54	453	520	3,948
Total .. ..	10	26	97	569	691	8,001

[Table continued on p. xlviii.]

Principal Cause or Object.	Number of Disputes.	Number <i>directly</i> affected by Disputes beginning in 1900 the results of which were—			Total including In- definite or Un- settled Disputes.	Aggregate Duration in Working Days in 1900.
		In favour of Work- people.	In favour of Em- ployers.	Com- promised		
Working arrangements, rules and discipline.	3	..	152	..	152	1,400
Trade Unionism .. ..	6	246	81	..	327	8,763
Total Miscellaneous Trades and Em- ployees of Public Authorities.	71	1,331	1,301	21,969	25,028	748,737
Percentage .. ..	..	4.92	7.20	87.78	100.00	..
Grand Total — all Trades.	648	40,612	33,497	56,390	135,145	3,152,694
Percentage ' .. ..	..	30.05	24.79	41.72	100.00	..

The general results shown in the above table are, of course, heavily weighted by the pottery dispute as to wages, which resulted in a compromise.

The number of the workpeople indirectly affected by these disputes was comparatively small, and the difference made in the percentages of results by the inclusion of those indirectly affected is very slight, as will be seen from the following summary :—

Result.	Percentages based on Workpeople <i>directly</i> affected.	Percentages based on all Workpeople affected, <i>directly</i> and <i>indirectly</i> .
In favour of workpeople ... ..	4.92	6.13
In favour of employers ... ..	7.20	7.14
Compromised ... ..	87.78	86.55
Indefinite ... ..	0.10	0.18

A brief account of the principal dispute in this group will be of interest.

*Pottery Workers.—Staffordshire.—Advance in Wages.*—The date generally recognised as the time for re-arranging prices and making other changes in working conditions in the pottery industry is March 25th. Six weeks prior to that date several branches of the earthenware trade gave notice that they would require an advance in prices and other changes in existing conditions. The requirements of the various sections of workers were not uniform, nor were they united in their action. The

pressers asked for an immediate advance of 5 per cent. and a further advance of like amount in the following year. The ovenmen asked for an advance from 4s. 7d. to 5s. per day. The printers and transferrers wanted a return of the 1d. in the shilling taken off their wages by the award of Lord Hatherton in 1879. The printers and transferrers also demanded a re-arrangement or levelling up of "counts," that is, of the numbers of articles of various kinds which constitute a nominal "dozen." When the period of notice expired, the printers and transferrers and ovenmen, to the number of from 3,000 to 4,000, ceased work. The pressers, however, gave a further notice of four weeks to cease work. During the interval some of those, who had come out, returned to work, and some firms conceded the terms demanded by the operatives. The bulk of the employers, however, took united action, and gave notice that they would close their works, to take effect from April 28th. On that date, or within a few days thereafter, about 20,000 operatives were involved in the dispute. On May 26th the employers offered an advance of 5 per cent., to take effect from October 1st, 1900; all works to be opened on May 29th; all individual grievances to be referred to the Board of Conciliation at the earliest possible moment. These terms were accepted by the men on May 28th, and work was resumed next day.

---

## CONCILIATION AND ARBITRATION.

---

### Strikes and Lock-outs settled by Conciliation and Arbitration.

Of the 648 strikes and lock-outs commencing in 1900, 32, affecting directly and indirectly 15,711 workpeople, or about 8 per cent. of the total for all disputes, were brought to a close by the mediation of a third party or Board or by reference to arbitration.

As has frequently been pointed out, the main work of agencies for conciliation and arbitration is the settlement, not of strikes or lock-outs, but of questions which might otherwise lead to strikes and lock-outs

## DETAILED REPORT.

In the following table these 32 strikes and lock-outs are classified according to the nature of the agencies by which they were arranged :—

Agency of Settlement.	Conciliation.		Arbitration.		Total in 1900.		Corresponding Total in 1899.	
	No. of Strikes and Lock-outs.	No. of Work-people directly and indirectly affected.	No. of Strikes and Lock-outs.	No. of Work-people directly and indirectly affected.	No. of Strikes and Lock-outs.	No. of Work-people directly and indirectly affected.	No. of Strikes and Lock-outs.	No. of Work-people directly and indirectly affected.
Under Conciliation Act.	1	375	5	1,675	6	2,050	2	1,664
By Trade Boards ..	2	55	4	2,401	6	2,456	5	392
By District and general Boards.	..	..	..	..	..	..	5	574
By Trades Council ..	1	140	..	..	1	140	..	..
By individuals ..	9	8,023	10	3,042	19	11,065	26	9,075
<b>Totals in 1900 ..</b>	<b>13</b>	<b>8,593</b>	<b>19</b>	<b>7,118</b>	<b>32</b>	<b>15,711</b>	..	..
<i>Totals in 1899 ..</i>	<i>22</i>	<i>8,386</i>	<i>16</i>	<i>3,819</i>	..	..	<i>33</i>	<i>11,705</i>

It will be seen that of the 32 strikes and lock-outs, 13 were settled by conciliation and 19 by arbitration. Five of the latter and one of the former were settled under the Conciliation Act, under which seven other cases were settled during the year which did not involve a stoppage of work.

Among the disputes settled by arbitration are included (1) disputes affecting bricklayers in the Newcastle district, settled by Sir John Taylor, K.C.B., acting under the Conciliation Act; (2) a dispute in which 1,500 dock labourers struck for an advance in wages, 400 others being indirectly affected, was settled by an Arbitration Board; (3) a dispute involving 250 builders' operatives at Cheltenham, settled by the arbitration of Mr. O. J. Williams, Registrar of the County Court; (4) a dispute affecting 650 carpenters and joiners at Aberdeen, settled by ex-Lord Provost Mearns; (5) a dispute affecting tram drivers and conductors at Ashton-under-Lyne, Denton, Hyde, and Oldham, settled by Mr. G. R. Askwith, an arbitrator appointed under the Conciliation Act; and (6) a group of three coal mining disputes in South Wales, settled in each case by two arbitrators appointed by the Sliding Scale Committee.

Of the disputes settled by conciliation, reference may be made to a strike affecting 420 masons at Dundee, brought to a termination by the mediation of the Lord Provost; to a dispute involving 690 coal miners at Hamilton, brought to a close by the mediation of the Provost of Hamilton; to a strike affecting, directly and indirectly, 4,736 card room operatives and others, at Wigan, settled by the mediation of Mr. C. Wall; to a dispute affecting 500 coal heavers at Southampton, settled by the mediation of Mr. G. T. Harper J.P.; and to the Taff Vale

Railway dispute, finally terminated by the mediation of Sir W. T. Lewis.

The following table gives the total number of strikes and lock-outs commencing in each of the last five years settled by conciliation and arbitration:—

Year.	No. of Strikes and Lock-outs.	No. of Workpeople directly and indirectly affected.		
		Directly.	Indirectly.	Total.
1896 ... ..	49	16,712	4,036	20,748
1897 ... ..	41	15,439	3,861	19,300
1898 ... ..	43	8,496	11,021	19,517
1899 ... ..	38	8,542	3,163	11,705
1900 ... ..	32	10,331	5,380	15,711

A detailed list of the 32 strikes and lock-outs settled by conciliation and arbitration in 1900 will be found on pp. 78 and 79. In the following table they are summarised according to the trades affected, comparative figures being given for the four preceding years.

Groups of Trades.	1896.	1897.	1898.	1899.	1900.
No. of Strikes and Lock-outs settled by conciliation and arbitration.					
Building ... ..	7	8	6	14	13
Mining and Quarrying ... ..	10	8	21	4	8
Iron and Steel ... ..	2	2	3	1	...
Engineering and Shipbuilding ... ..	11	4	4	2	...
Other Metal Trades ... ..	3	2	3	5	1
Textiles ... ..	6	3	3	1	1
Clothing ... ..	7	5	1	8	...
Transport ... ..	1	5	1	1	5
Miscellaneous ... ..	2	4	1	2	4
Totals ... ..	49	41	43	38	32
No. of Workpeople directly and indirectly affected by above disputes.					
Building ... ..	5,320	872	1,283	7,674	4,303
Mining and Quarrying ... ..	5,818	4,437	15,496	703	1,951
Iron and Steel ... ..	566	2,551	335	147	...
Engineering and Shipbuilding ... ..	5,279	808	1,046	456	...
Other Metal Trades ... ..	458	81	630	880	300
Textiles ... ..	2,201	3,480	395	464	4,736
Clothing ... ..	257	276	12	962	...
Transport ... ..	800	5,542	110	350	3,974
Miscellaneous ... ..	49	1,253	210	69	447
Totals ... ..	20,748	19,300	19,517	11,705	15,711

The table shows that, having regard both to number of disputes and numbers affected, strikes in the building and mining and quarrying trades have been more frequently settled by conciliatory agencies than is the case in other trades. Of the 203 disputes settled by conciliation and arbitration during the last five years no less than 99 have been in these two groups of trades.

### The Work of Permanent Boards of Conciliation and Arbitration.

The foregoing figures refer to disputes involving a stoppage of work, and include all such disputes settled by conciliation or arbitration, among them certain disputes settled by Permanent Boards of Conciliation and Arbitration. We have now to consider the work of these Boards as a whole, including what is the more important function of such Boards, viz., the settlement of disputes which arise before they develop into a stoppage of work.

The total number of cases known to have been considered by 68 permanent Boards in 1900 was 1,190. Of these cases, 563 are reported to have been withdrawn or settled independently of the Boards and 49 as still under consideration at the end of the year. The remaining 578 cases were settled, 421 by the Boards or Committees and 157 by arbitrators or umpires. The particulars of the work done in 1900 are shown in the following table for each group of trades :—

Trade.	Number of Boards known to have Considered Cases.	Number of Cases Considered by Boards.	Number of Cases Settled by Boards.
<b>TRADE BOARDS.</b>			
Building ... ..	14	29	23
Mining ... ..	13	324	233
Iron and Steel ... ..	7	29	20
Engineering and Shipbuilding ...	9	116	103
Other Metal Trades ... ..	7	15	14
Boot and Shoe ... ..	10	147	107
Other Trades ... ..	6	26	25
<b>DISTRICT AND GENERAL BOARDS</b>	2	4	3
<b>Total ... ..</b>	<b>68</b>	<b>1,190</b>	<b>578</b>

The 578 cases settled vary greatly in their importance. For example, two determined by the Conciliation Board for the coal trade of the Federated Districts of England and Wales affected in each case about 300,000 workpeople, while the 194 cases settled by the Durham Joint Committee affected in most instances only a few workpeople.

The Conciliation Boards in the coal trade, controlling the general level of wages, are entirely distinct from the local joint committees, of which those in Northumberland and Durham are the chief, whose function is the local readjustment of rates with a



view to bringing the wages paid to particular classes in individual pits into conformity with those generally paid in the county. The two committees referred to contributed between them 245 cases, or nearly half the total number known to be settled by permanent Conciliation Boards.

Another large contribution to the total came from the Boards in the boot and shoe trade, which disposed of 107 cases, mostly of a minor character, such as the classification of sample boots and materials.

The Boards on which employers, and engineering and ship-building employees are represented, and which deal with questions of demarcation of work between two or more trades, also disposed of a large number of minor cases. Seven permanent Boards of this description are in existence in the Tyne and Tees Districts, at Middlesbrough, at Birkenhead, and on the Clyde, and of these, six settled 81 cases of disputed work during the year.

So far as their conciliatory work is concerned, most of the Boards in the iron and steel trades settle only questions at individual works, general changes in wages being settled by the sliding scale machinery. The Board for the West of Scotland steel trade, however, deals with general wages changes, and one reduction was agreed upon during the year 1900, to take effect on 1st January, 1901.

The Boards in the building trades settled 23 cases, but none of very great importance. The 14 cases, however, under the heading Other Metal Trades include an important case affecting the wages and conditions of labour in the brass trades. The important points at issue were finally decided by Sir David Dale, the arbitrator appointed by the Board of Trade at the request of the three Conciliation Boards concerned.

The following table shows in comparative form the number of Boards known to have settled cases during the last five years :—

Trade.	1896.	1897.	1898.	1899.	1900.
<b>TRADE BOARDS.</b>					
Building ... ..	3	3	3	7	11
Mining ... ..	10	6	7	7	13
Iron and Steel ... ..	5	6	6	6	6
Engineering and Shipbuilding ... ..	6	8	8	9	9
Other Metal Trades ... ..	7	5	4	7	7
Textile ... ..	2	3	5	...	...
Boot and Shoe ... ..	13	11	10	11	10
Tailoring ... ..	1	1	1	2	2
Brick, Tile, and Pottery ... ..	1	1	1	...	...
Dock and Riverside Labour ... ..	1	2	1	1	4
Other Trades... ..	...	...	1	...	...
<b>Total Trade Boards ... ..</b>	<b>49</b>	<b>46</b>	<b>47</b>	<b>50</b>	<b>62</b>
<b>DISTRICT AND GENERAL BOARDS</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>
<b>Totals ... ..</b>	<b>50</b>	<b>48</b>	<b>49</b>	<b>53</b>	<b>64</b>

It will be seen that the number of Boards actually settling cases in 1900 was greater than in any of the four preceding years.

During 1900 a number of new Boards were formed, including four in the London building trades for bricklayers, masons, plasterers, and carpenters and joiners; a Conciliation Board for the whole of the Scottish coal trade also came into operation in 1900, and a Board for the settlement of local disputes in the West Lothians was formed in that year. A Board was established in Cumberland for the limestone quarrying industry, another in Scotland for the pig iron trade, and two at Bristol for the corn porters and dock labourers. The most important of these new Boards is undoubtedly the one for regulating the general level of miners wages in Scotland.

#### Allied Methods of Settling Disputes.

Among methods of providing for the settlement of disputes by conciliatory means, there are some which do not come exactly within the limits of what is ordinarily known as a Conciliation Board, and are therefore not dealt with in the section on pages 80 to 92, but to whose work some reference may here be made :—

(1.) The Association of London Master Tailors has a special Committee of Conciliation and Reference, appointed to meet the representatives of the men and settle matters in dispute. This body had before it one question only in 1900, and the matter was referred to the Chairman of the Employers' Association, who gave an award which was considered satisfactory by both parties.

(2.) As was stated on pages lvi.—lvii. of the Report on Strikes and Lock-outs of 1898 the Joint Committee of Employers and Operatives in the cotton weaving trade is not authorised to come to any final conclusion on the matters discussed. Among the questions dealt with by the Committee in 1900 were (1) the price to be paid for weaving jacquards; (2) the price for dobby, dhooty or dhooties with a plain stripe weave; and (3) the weaving of gold picks in headings, and of sateens made with more than five staves.

Other agreements for the arrangement of matters in dispute, and fully referred to in the Report for 1898 (pages lvi. and lvii.), are the "Brooklands Agreement" in the cotton spinning trade, under which 11 cases were settled during the year ending June 30th, 1901, and the Conciliation Clause of the "Terms of Settlement" agreed to at the close of the great dispute in 1898, and under which many points of dispute have been arranged.

I have, &c.,

(Signed) J. BURNETT,

Chief Labour Correspondent.

Labour Department,  
Board of Trade,  
July, 1901.

**SUMMARY TABLES.**

**TRADE DISPUTES,  
1900.**

	PAGE
<b>DISPUTES CLASSIFIED BY :</b>	
I. Results ... ..	lvi.
IIa. Causes—All Trades ... ..	lx.
IIb. Causes—Groups of Trades :—	
BUILDING ... ..	lxii.
MINING AND QUARRYING ... ..	lxiv
METAL, ENGINEERING AND SHIPBUILDING	lxvi.
TEXTILE ... ..	lxviii.
CLOTHING ... ..	lxx.
TRANSPORT ... ..	lxxii.
MISCELLANEOUS AND EMPLOYEES OF PUBLIC AUTHORITIES ... ..	lxxiv.
III. Districts ... ..	lxxvi.
IV. Methods of Settlement ... ..	lxxviii.
V. Magnitude ... ..	lxxx.

[See also pages lxxxi.—lxxxviii.]

## I.—DISPUTES IN EACH TRADE IN

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
DAYS of ALL DISPUTES in progress during

[Disputes involving less than 10 workpeople, and those which lasted less than one

Trades.	Number of Disputes.				Total No. of Disputes begin- ning in 1900.
	Number of Disputes beginning in 1900, the Results of which were—				
	In favour of Work- people.	In favour of Em- ployers.	Compre- mised.	In- definite or Un- settled.	
<b>Building Trades :</b>					
Disputes involving two or more branches ..	1	1	2	..	4
Bricklayers and bricklayers' labourers .. ..	11	13	12	1	37
Masons and masons' labourers .. .. .	5	7	3	..	15
Carpenters and joiners .. .. .	12	7	12	1	33
Slaters and tilers .. .. .	3	2	4	..	9
Plumbers .. .. .	1	3	6	1	11
Plasterers and plasterers' labourers .. ..	5	2	1	..	8
Painters and decorators .. .. .	9	3	2	..	14
Labourers .. .. .	3	9	4	..	16
Totals .. .. .	50	47	46	3	146
<b>Mining and Quarrying :</b>					
Coal mining .. .. .	46	21	53	2	122
Other mining .. .. .	1	3	4	..	8
Quarrying .. .. .	2	1	2	1	6
Totals .. .. .	49	25	59	3	136
<b>Metal, Engineering and Shipbuilding :</b>					
Pig iron manufacture .. .. .	1	1	2	1	5
Iron and steel manufacture .. .. .	2	2	2	..	6
Engineering and shipbuilding .. .. .	10	32	25	..	67
Tinplate making .. .. .	2	4	4	..	10
Miscellaneous metal trades .. .. .	8	10	4	1	23
Totals .. .. .	23	49	37	2	111

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly and

## 1900—CLASSIFIED BY RESULTS.

directly affected by such DISPUTES, and the AGGREGATE DURATION in WORKING 1900,\* classified by RESULTS.

*day, have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
320	81	390	..	791	140	8,640	700	39,000	..	48,340
482	1,961	1,328	16	3,787	1,807	7,827	60,100	68,688	300	136,915
173	2,352	495	..	3,020	360	2,890	161,568	16,800	..	181,258
2,296	516	1,616	208	4,636	375	17,960	12,397	199,519	3,744	233,620
70	47	65	..	182	5	2,059	1,900	2,159	..	6,118
9	285	348	50	692	..	162	7,415	13,563	1,150	22,290
861	53	20	..	934	61	4,702	2,222	380	..	7,304
375	279	117	..	771	..	4,541	26,138	3,171	..	33,850
74	975	411	..	1,460	357	848	36,589	19,494	..	56,931
4,660	6,549	4,790	274	16,273	2,905	49,629	309,029	362,774	5,194	726,626
24,478	3,928	12,281	622	41,309	28,336	179,802	39,713	213,686	6,628	439,629
84	270	790	..	1,144	365	564	2,599	37,012	1,250	41,425
120	75	307	2,500	3,062	208	841	1,187	9,650	60,000	71,678
24,682	4,273	13,378	3,122	45,455	28,909	181,207	43,499	260,348	67,878	552,932
200	122	305	120	747	877	600	498	57,876	6,960	65,934
178	70	178	..	426	2,082	7,949	31,260	3,360	..	42,569
1,353	2,197	3,427	..	6,977	3,400	31,030	56,426	98,254	..	185,710
42	93	373	..	508	2,178	1,572	6,936	4,255	..	12,763
299	892	531	20	1,742	873	3,899	24,865	13,140	250	42,154
2,072	3,374	4,814	140	10,400	9,410	45,050	119,985	176,885	7,210	349,130

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total indirectly affected.

[Continued on pp. lviii. & lix.]

## I.—DISPUTES IN EACH TRADE IN 1900

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
WORKING DAYS of ALL DISPUTES in progress

[Disputes involving less than 10 workpeople, and those which lasted less than one

Trades.	Number of Disputes.				
	Number of Disputes beginning in 1900, the Results of which were—				Total No. of Disputes begin- ning in 1900.
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Textile Trades :</b>					
Cotton spinning .. .. .	8	5	6	..	19
Cotton weaving .. .. .	24	7	22	1	54
Woollen and worsted manufacture .. .. .	1	3	..	..	4
Linen and jute manufacture .. .. .	1	7	2	..	10
Minor textile trades .. .. .	2	2	3	..	7
Printing, bleaching, and dyeing .. .. .	..	1	..	1	2
<b>Totals .. .. .</b>	<b>36</b>	<b>25</b>	<b>33</b>	<b>2</b>	<b>96</b>
<b>Clothing Trades :</b>					
Boot, shoe, and clog manufacture .. .. .	7	7	4	1	19
Tailoring trade .. .. .	6	6	4	1	17
Other clothing trades .. .. .	1	1	..	..	2
<b>Totals .. .. .</b>	<b>14</b>	<b>14</b>	<b>8</b>	<b>2</b>	<b>38</b>
<b>Transport Trades :</b>					
Dock and riverside labour .. .. .	6	14	14	..	34
Other transport trades .. .. .	3	9	4	..	16
<b>Totals .. .. .</b>	<b>9</b>	<b>23</b>	<b>18</b>	<b>..</b>	<b>50</b>
<b>Miscellaneous Trades :</b>					
Printing and allied trades .. .. .	..	4	1	..	5
Woodworking and furnishing trades .. .. .	5	6	5	1	17
Brick, glass, pottery, chemicals, &c. manufacture .. .. .	5	5	7	..	17
Food and tobacco manufacture .. .. .	3	3	2	..	8
Other trades .. .. .	4	7	2	..	13
<b>Totals .. .. .</b>	<b>17</b>	<b>25</b>	<b>17</b>	<b>1</b>	<b>60</b>
<b>Employees of Public Authorities .. .. .</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>11</b>
<b>Grand Totals for 1900 .. .. .</b>	<b>202</b>	<b>211</b>	<b>221</b>	<b>14</b>	<b>648</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years and excluding the (directly and

CLASSIFIED BY RESULTS—continued.  
directly affected by such DISPUTES, and the AGGREGATE DURATION in  
during 1900,\* classified by RESULTS—continued.  
*day have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople Affected.						Aggregate Duration.*				
Directly.					Total In- directly	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
538	1,405	1,119	..	3,082	6,022	28,565	235,268	35,395	..	299,228
4,321	932	3,681	185	9,119	796	14,497	3,966	51,949	555	70,897
58	525	..	..	583	..	98	3,314	..	..	3,412
539	1,312	100	..	1,851	976	2,001	6,720	9,000	..	17,781
115	543	130	..	788	740	3,920	9,130	4,706	..	17,756
..	30	..	158	168	38	..	1,620	..	704	2,324
5,571	4,647	5,039	323	15,571	8,572	49,141	269,018	100,950	1,259	411,368
492	100	98	100	850	25	6,191	3,296	1,412	560	11,459
230	277	53	600	1,160	4	770	15,569	2,266	29,140	47,745
99	16	..	..	115	..	693	224	..	..	917
821	393	151	760	2,125	29	7,654	19,089	3,678	29,700	60,121
1,321	9,373	5,642	..	16,336	1,149	13,210	172,653	44,452	..	290,315
254	3,067	616	..	3,957	1,584	3,446	60,953	9,066	..	73,465
1,575	12,400	6,258	..	20,293	2,733	16,656	233,606	53,518	..	303,750
..	106	163	..	269	213	..	3,904	15,020	..	13,924
293	126	617	7	1,053	70	1,885	3,426	7,652	533	13,496
187	275	20,631	..	21,493	363	5,662	10,531	663,916	..	680,109
288	189	223	..	700	52	5,975	7,228	4,925	..	18,128
303	559	253	..	1,115	34	2,303	3,663	3,049	600	9,615
1,971	1,265	21,887	7	24,230	738	15,825	23,752	694,562	1,133	740,272
169	536	32	29	798	97	1,411	3,229	3,214	529	3,465
49,612	33,497	56,399	4,646	135,145	53,393	366,573	1,017,196	1,656,029	112,394	3,152,694

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total number indirectly affected.

## IIa.—CAUSES OF DISPUTES

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
DAYS of ALL DISPUTES in progress during

[Disputes involving less than 10 workpeople, and those which lasted less than one

Principal Cause or Object.	Number of Disputes.				Total No. of Disputes begin- ning in 1900.
	Number of Disputes beginning in 1900, the Results of which were—				
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Wages:</b>					
For increase .. .. .	64	91	112	1	268
Against decrease .. .. .	17	13	11	5	46
As to system of payment of wages .. .. .	10	10	4	..	24
Re-adjustment of rates of payment on account of difficulties or ease in working, quality of materials, &c. .. .. .	32	17	33	2	84
Other .. .. .	5	6	4	1	16
<b>Totals .. .. .</b>	<b>128</b>	<b>137</b>	<b>164</b>	<b>9</b>	<b>438</b>
<b>Hours of Labour:</b>					
For decrease .. .. .	1	1	2	..	4
Against increase .. .. .	..	1	..	..	1
As to arrangement of hours .. .. .	..	..	1	..	1
<b>Totals .. .. .</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>..</b>	<b>6</b>
<b>Employment of Particular Classes or Persons:</b>					
Disputes between classes of workpeople .. .. .	7	8	8	2	25
Employment of labourers instead of skilled workmen. .. .. .	1	2	2	..	5
Employment of women instead of men .. .. .	..	1	..	..	1
Employment of apprentices and boys .. .. .	4	..	1	..	5
For re-instatement of discharged workpeople .. .. .	12	16	17	..	45
Against employment of certain officials .. .. .	3	3	1	..	7
Other .. .. .	2	..	3	..	5
<b>Totals .. .. .</b>	<b>29</b>	<b>30</b>	<b>32</b>	<b>2</b>	<b>93</b>
<b>Working Arrangements, Rules and Discipline (other than above):</b>					
For change in existing arrangements .. .. .	6	7	10	1	24
Against change in existing arrangements .. .. .	7	10	6	..	23
Other .. .. .	3	4	2	1	10
<b>Totals .. .. .</b>	<b>16</b>	<b>21</b>	<b>18</b>	<b>2</b>	<b>57</b>
<b>Trade Unionism .. .. .</b>	<b>24</b>	<b>17</b>	<b>3</b>	<b>1</b>	<b>45</b>
<b>Sympathetic Disputes .. .. .</b>	<b>1</b>	<b>4</b>	<b>..</b>	<b>..</b>	<b>5</b>
<b>Miscellaneous .. .. .</b>	<b>3</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>4</b>
<b>Grand Totals for 1900 .. .. .</b>	<b>202</b>	<b>211</b>	<b>221</b>	<b>14</b>	<b>648</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly and



CAUSES IN 1900.

xi

IN 1900—ALL TRADES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING 1900,\* classified by RESULT and PRINCIPAL CAUSE.

day have been omitted, except when the aggregate duration exceeded 100 working days.]

Workpeople affected.						Aggregate Duration.*				
Directly.					Total Indi- rectly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
7,095	13,576	38,591	7	57,269	24,178	102,901	539,424	1,158,820	2,393	1,892,828
2,048	2,903	1,788	646	7,386	508	27,402	191,740	54,064	12,218	285,414
1,444	450	93	..	1,987	4,909	58,843	18,146	1,420	..	58,409
4,664	1,604	5,061	257	11,576	4,338	49,627	9,333	71,380	4,983	135,323
1,645	1,827	684	550	4,086	715	7,063	89,871	5,998	2,200	105,122
16,836	29,366	44,197	1,466	82,903	34,648	225,126	848,514	1,391,672	21,784	2,387,096
69	44	374	..	487	7,140	400	1,104	45,520	..	47,024
..	51	..	..	51	..	2,380	775	..	..	3,055
..	..	200	..	200	..	..	..	4,765	..	4,765
69	75	574	..	718	7,140	2,380	1,879	50,285	..	55,444
175	402	203	36	816	313	1,741	8,978	2,161	820	13,700
14	204	1,062	..	1,300	300	210	1,120	170,976	..	172,306
..	34	..	..	34	..	..	1,734	..	..	1,734
501	..	67	..	568	40	8,340	..	642	..	8,982
1,781	972	2,240	..	4,943	2,333	8,486	15,345	40,550	..	64,381
230	364	443	..	1,027	94	434	864	4,216	..	5,514
862	..	857	..	1,739	408	2,269	..	3,003	..	5,862
3,523	1,976	4,892	36	10,427	3,468	21,470	23,041	222,148	820	172,479
191	6,145	2,208	600	9,144	5,593	1,745	83,274	17,239	29,140	131,398
1,860	1,998	1,014	..	4,872	1,282	9,854	19,874	18,310	..	48,038
169	1,141	1,130	2,500	4,940	5	1,638	2,461	1,130	60,000	65,229
2,220	9,284	4,352	3,100	18,956	3,882	12,237	105,609	36,679	89,140	244,665
17,241	1,197	1,175	59	19,573	1,515	23,269	27,831	40,945	1,150	102,195
323	995	..	..	1,018	29	10,336	5,324	2,500	..	18,169
350	..	1,200	..	1,550	2,709	9,355	..	2,309	..	12,655
40,612	33,497	56,390	4,646	135,145	53,393	366,573	1,917,198	1,656,029	112,894	3,152,694

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total indirectly affected.

## IIb.—CAUSES OF DISPUTES

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
DAYS of ALL DISPUTES in progress during 1900,\* classified by Result

[Disputes involving less than 10 workpeople, and those which lasted less than one day]

Principal Cause or Object.	Number of Disputes.				Total No. of Disputes begin- ning in 1900.
	Number of Disputes beginning in 1900, the Results of which were—				
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Wages</b>					
For increase .. .. .	19	23	33	..	75
Against decrease .. .. .	7	7	3	1	18
As to system of payment of wages .. .. .	..	1	..	..	1
Re-adjustment of rates of payment on account of difficulties or ease in working, quality of materials, &c. .. .. .	1	..	..	..	1
Other .. .. .	1	1	..	..	2
<b>Totals .. .. .</b>	<b>28</b>	<b>32</b>	<b>36</b>	<b>1</b>	<b>97</b>
<b>Employment of Particular Classes or Persons :</b>					
Disputes between classes of workpeople .. ..	7	6	5	1	19
Employment of labourers instead of skilled workmen.	1	..	1	..	2
Employment of apprentices and boys .. ..	2	..	..	..	2
For re-instatement of discharged workpeople ..	1	..	..	..	1
'Against employment of certain officials .. ..	1	1	..	..	2
<b>Totals .. .. .</b>	<b>12</b>	<b>7</b>	<b>6</b>	<b>1</b>	<b>26</b>
<b>Working Arrangements, Rules and Discipline (other than above):</b>					
For change in existing arrangements .. ..	1	1	3	..	5
Against change in existing arrangements .. ..	2	1	..	..	3
<b>Totals .. .. .</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>..</b>	<b>8</b>
<b>Trade Unionism .. .. .</b>	<b>6</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>13</b>
<b>Sympathetic Disputes .. .. .</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>1</b>
<b>Miscellaneous .. .. .</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>1</b>
<b>Totals for 1900 .. .. .</b>	<b>50</b>	<b>47</b>	<b>46</b>	<b>3</b>	<b>146</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly and

IN 1900—BUILDING TRADES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING and Principal Cause—*continued.*

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.						
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
1,743	2,850	2,629	..	7,222	1,778	17,166	102,689	188,989	..	258,844
1,532	2,634	1,110	208	5,484	380	21,755	187,942	41,300	3,744	254,741
..	41	..	..	41	..	..	2,200	..	..	2,200
12	..	..	..	12	..	552	..	..	..	552
9	15	..	..	24	..	182	285	..	..	447
3,296	5,540	3,739	208	12,783	2,158	39,635	293,116	189,289	3,744	516,784
175	349	92	16	632	193	1,741	8,660	804	300	11,505
14	..	650	..	664	300	210	..	170,000	..	170,210
17	..	..	..	17	..	252	..	..	..	252
20	..	..	..	20	..	80	..	..	..	80
17	300	..	..	317	10	81	300	..	..	381
243	649	742	16	1,650	503	2,364	8,960	170,804	300	182,428
16	189	264	..	469	105	48	378	7,681	..	8,107
889	12	..	..	901	..	3,557	106	..	..	3,663
905	201	264	..	1,370	105	3,005	484	7,661	..	11,770
186	110	45	50	391	139	2,625	2,469	1,500	1,150	7,144
..	49	..	..	49	20	..	4,000	2,500	..	6,500
30	..	..	..	30	..	2,609	..	..	..	2,609
4,660	6,549	4,790	274	16,273	2,905	49,629	309,029	362,774	5,194	726,626

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total indirectly affected.

## IIb.—CAUSES OF DISPUTES IN 1900—

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
DAYS of ALL DISPUTES in progress during 1900,\* classified by Result

[Disputes involving less than 10 workpeople, and those which lasted less than one day]

Principal Cause or Object:	Number of Disputes.				Total No. of Disputes begin- ning in 1900.
	Number of Disputes beginning in 1900, the Results of which were—				
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Wages :</b>					
For increase .. .. .	10	10	26	..	46
Against decrease .. .. .	4	..	2	..	6
As to system of payment of wages .. .. .	6	1	1	..	8
Re-adjustment of rates of payment on account of difficulties or ease in working, quality of materials, &c. .. .. .	5	4	18	1	26
Other .. .. .	1	1	1	1	4
<b>Totals .. .. .</b>	<b>26</b>	<b>16</b>	<b>46</b>	<b>2</b>	<b>90</b>
<b>Hours of Labour :</b>					
For decrease .. .. .	..	1	2	..	3
Against increase .. .. .	..	1	..	..	1
As to arrangement of hours .. .. .	..	..	..	..	..
<b>Totals .. .. .</b>	<b>..</b>	<b>2</b>	<b>2</b>	<b>..</b>	<b>4</b>
<b>Employment of Particular Classes or Persons :</b>					
For re-instatement of discharged workpeople ..	4	2	3	..	9
Other .. .. .	1	..	1	..	2
<b>Totals .. .. .</b>	<b>5</b>	<b>2</b>	<b>4</b>	<b>..</b>	<b>11</b>
<b>Working Arrangements, Rules and Discipline (other than above):</b>					
For change in existing arrangements .. ..	2	..	3	..	5
Against change in existing arrangements .. ..	2	2	2	..	6
Other .. .. .	..	1	1	1	3
<b>Totals .. .. .</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>14</b>
<b>Trade Unionism .. .. .</b>	<b>13</b>	<b>2</b>	<b>..</b>	<b>..</b>	<b>15</b>
<b>Miscellaneous .. .. .</b>	<b>1</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>2</b>
<b>Totals for 1900 .. .. .</b>	<b>49</b>	<b>25</b>	<b>59</b>	<b>3</b>	<b>136</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly and

## MINING AND QUARRYING TRADES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING and Principal Cause—*continued.*

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.						
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
2,098	923	4,140	..	7,161	11,871	59,008	26,701	133,200	1,250	220,159
184	..	500	..	684	79	3,385	..	5,650	..	9,035
746	50	30	..	826	2,928	15,625	50	684	..	16,359
643	453	2,313	72	3,481	1,627	6,754	1,569	26,666	4,428	39,417
1,500	15	200	550	2,265	200	4,250	2,616	1,000	2,200	10,066
5,171	1,441	7,183	622	14,417	16,705	89,022	30,936	167,200	7,878	295,036
..	44	374	..	418	7,140	..	1,104	45,520	..	46,624
..	31	..	..	31	..	..	775	..	..	775
..	..	..	..	..	..	..	..	4,365	..	4,365
..	75	374	..	449	7,140	..	1,879	49,885	..	51,764
783	185	1,103	..	2,071	476	3,066	625	23,073	..	26,764
783	..	800	..	1,583	300	1,566	..	3,300	..	4,866
1,566	185	1,903	..	3,654	776	4,632	625	26,373	..	31,630
54	..	1,275	..	1,329	613	1,031	..	3,227	..	4,258
900	1,250	443	..	2,602	150	5,650	3,283	9,883	..	18,766
..	1,050	1,000	2,500	4,550	..	..	2,100	1,000	60,000	63,100
954	2,309	2,718	2,500	8,481	763	6,681	5,383	14,000	60,000	86,154
16,741	263	..	..	17,004	825	73,997	4,676	..	..	78,673
250	..	1,200	..	1,450	2,700	6,875	..	2,800	..	9,675
24,692	4,273	13,378	3,122	45,455	28,909	181,207	43,499	260,348	67,878	552,932

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total indirectly affected.

**IIb.—CAUSES OF DISPUTES IN 1900—METAL,**  
**NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE**  
**DAYS of ALL DISPUTES in progress during 1900,\* classified by Result**

[Disputes involving less than 10 workpeople, and those which lasted less than one day]

Principal Cause or Object.	Number of Disputes.				Total No. of Disputes begin- ning in 1900.
	Number of Disputes beginning in 1900, the Results of which were—				
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Wages:</b>					
For increase .. .. .	8	21	17	.. 2	46
Against decrease .. .. .	1	..	1	..	4
As to system of payment of wages .. .. .	1	4	..	..	5
Re-adjustment of rates of payment on account of difficulties or ease in working, quality of materials, &c. .. .. .	4	1	..	..	5
Other .. .. .	1	3	3	..	7
<b>Totals .. .. .</b>	<b>15</b>	<b>29</b>	<b>21</b>	<b>2</b>	<b>67</b>
<b>Hours of Labour</b>					
Against increase .. .. .	..	..	..	..	..
<b>Totals .. .. .</b>	..	..	..	..	..
<b>Employment of Particular Classes or Persons:</b>					
Disputes between classes of workpeople .. .. .	..	2	3	..	5
Employment of labourers instead of skilled workmen. .. .. .	..	1	..	..	1
Employment of apprentices and boys .. .. .	1	..	..	..	1
For re-instatement of discharged workpeople .. .. .	2	5	6	..	13
Against employment of certain officials .. .. .	1	..	1	..	2
Other .. .. .	..	..	1	..	1
<b>Totals .. .. .</b>	<b>4</b>	<b>8</b>	<b>11</b>	<b>..</b>	<b>23</b>
<b>Working Arrangements, Rules and Discipline (other than above):</b>					
For change in existing arrangements.. .. .	..	2	1	..	3
Against change in existing arrangements .. .. .	..	2	2	..	4
Other .. .. .	1	..	1	..	2
<b>Totals .. .. .</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>..</b>	<b>9</b>
<b>Trade Unionism .. .. .</b>	<b>2</b>	<b>7</b>	<b>1</b>	<b>..</b>	<b>10</b>
<b>Sympathetic Disputes .. .. .</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>1</b>
<b>Miscellaneous .. .. .</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>1</b>
<b>Totals for 1900 .. .. .</b>	<b>23</b>	<b>40</b>	<b>37</b>	<b>2</b>	<b>111</b>

\*Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly and

ENGINEERING, AND SHIPBUILDING TRADES.  
directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING  
and Principal Cause—*continued.*

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.						
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
215	1,564	1,760	..	3,538	4,380	7,492	81,737	103,190	..	192,428
60	..	10	140	219	24	744	..	80	7,310	8,014
600	287	..	..	887	1,934	30,000	14,535	..	..	34,535
156	12	..	..	168	192	1,368	1,440	..	..	2,708
40	233	404	..	757	515	500	970	4,908	..	6,468
1,030	2,000	2,223	140	5,549	6,954	60,004	96,672	163,257	7,210	244,233
..	..	..	..	..	..	2,880	..	..	..	2,880
..	..	..	..	..	..	2,880	..	..	..	2,880
..	53	111	..	164	100	..	318	1,367	..	1,675
..	184	..	..	184	..	..	1,000	..	..	1,000
470	..	..	..	470	..	7,900	..	..	..	7,900
314	226	676	..	1,215	1,570	942	6,402	10,519	..	17,863
30	..	443	..	473	84	180	..	4,216	..	4,396
..	..	30	..	30	108	..	..	276	..	276
314	463	1,300	..	2,536	1,662	9,112	7,720	16,368	..	32,900
..	71	101	..	172	319	..	4,152	1,600	..	5,752
..	85	330	..	415	8	..	1,781	2,640	..	4,421
40	..	130	..	170	..	1,250	..	130	..	1,380
40	156	561	..	757	237	1,250	5,933	4,370	..	11,553
68	653	700	..	1,421	467	734	7,436	47,800	..	56,800
..	7	..	..	7	..	..	224	..	..	224
79	..	..	..	79	..	900	..	..	..	900
2,072	2,374	4,814	140	10,400	9,410	45,950	119,985	176,835	7,210	249,190

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of total the indirectly affected.

## Iib.—CAUSES OF DISPUTES

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
DAYS of ALL DISPUTES in progress during 1900,\* classified by Result

[Disputes involving less than 10 workpeople, and those which lasted less than one day

Principal Cause or Object.	Number of Disputes.				
	Number of Disputes beginning in 1900, the Results of which were—				Total No. of Disputes begin- ning in 1900.
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Wages:</b>					
For increase .. .. .	7	6	7	..	20
Against decrease .. .. .	1	2	3	1	7
As to system of payment of wages .. .. .	1	..	..	..	1
Re-adjustment of rates of payment on account of difficulties or ease in working, quality of materials, &c.	22	10	17	1	50
<b>Totals .. .. .</b>	<b>31</b>	<b>18</b>	<b>27</b>	<b>2</b>	<b>78</b>
<b>Employment of Particular Classes or Persons:</b>					
Employment of apprentices and boys .. .. .	..	..	1	..	1
For re-instatement of discharged workpeople .. .. .	3	3	2	..	8
Against employment of certain officials .. .. .	1	1	..	..	2
Other .. .. .	..	..	1	..	1
<b>Totals .. .. .</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>..</b>	<b>12</b>
<b>Working Arrangements, Rules and Discipline (other than above):</b>					
For change in existing arrangements .. .. .	..	..	2	..	2
Against change in existing arrangements .. .. .	1	3	..	..	4
<b>Totals .. .. .</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>..</b>	<b>6</b>
<b>Totals for 1900 .. .. .</b>	<b>36</b>	<b>25</b>	<b>33</b>	<b>2</b>	<b>96</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly and



## IN 1900—TEXTILE TRADES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING and Principal Cause.—*continued.*

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
945	2,508	1,226	..	4,674	4,789	4,813	238,412	40,943	..	284,168
30	91	130	138	389	38	60	710	4,706	704	6,180
30	..	..	..	30	..	1,920	..	..	..	1,920
3,843	1,105	2,748	185	7,881	2,504	40,968	4,524	44,714	555	90,566
4,848	3,699	4,104	323	12,974	7,321	47,750	243,446	36,363	1,259	382,324
..	..	67	..	67	40	..	..	642	..	642
528	380	289	..	1,207	876	1,060	2,764	5,262	..	9,096
173	14	..	..	187	..	173	14	..	..	187
..	..	27	..	27	..	..	..	27	..	27
761	404	323	..	1,488	416	1,253	2,766	5,921	..	9,362
..	..	543	..	543	285	..	..	4,656	..	4,656
22	544	..	..	566	540	132	12,904	..	..	12,906
22	544	543	..	1,109	825	132	12,904	4,656	..	12,562
5,571	4,647	5,930	323	15,571	8,572	49,141	269,618	160,909	1,259	411,263

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total (indirectly) affected.

## IIb.—CAUSES OF DISPUTES

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE DAYS of ALL DISPUTES in progress during 1900,\* classified by Result

[Disputes involving less than 10 workpeople, and those which lasted less than one day]

Principal Cause or Object.	Number of Disputes.				
	Number of Disputes beginning in 1900, the Results of which were—				Total No. of Disputes beginning in 1900.
	In favour of Work-people.	In favour of Em-ployers.	Compro-mised.	In-definite or Un-settled.	
<b>Wages :</b>					
For increase .. .. .	6	3	2	..	11
Against decrease .. .. .	2	3	..	1	6
As to system of payment of wages .. .. .	..	1	1	..	2
Re-adjustment of rates of payment on account of difficulties or ease in working, quality of materials, &c. .. .. .	..	2	..	..	2
<b>Totals .. .. .</b>	<b>8</b>	<b>9</b>	<b>3</b>	<b>1</b>	<b>21</b>
<b>Employment of Particular Classes or Persons :</b>					
For re-instatement of discharged workpeople .. .. .	..	4	4	..	8
Against employment of certain officials .. .. .	..	1	..	..	1
Other .. .. .	1	..	..	..	1
<b>Totals .. .. .</b>	<b>1</b>	<b>5</b>	<b>4</b>	<b>..</b>	<b>10</b>
<b>Working Arrangements, Rules and Discipline (other than above):</b>					
For change in existing arrangements .. .. .	1	..	..	1	2
Against change in existing arrangements .. .. .	2	..	1	..	3
Other .. .. .	2	..	..	..	2
<b>Totals .. .. .</b>	<b>5</b>	<b>..</b>	<b>1</b>	<b>1</b>	<b>7</b>
<b>Trade Unionism .. .. .</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>..</b>
<b>Totals for 1900 .. .. .</b>	<b>14</b>	<b>14</b>	<b>8</b>	<b>2</b>	<b>38</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years and excluding the number (directly and

IN 1900—CLOTHING TRADES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING and Principal Cause—*continued*.

*have been omitted, except when the aggregate duration exceeded 100 working days.*]

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
481	144	63	..	688	..	5,601	1,192	1,230	..	8,023
40	28	..	160	228	5	385	1,138	1,868	560	3,931
..	8	16	..	24	..	..	208	208	..	506
..	34	..	..	34	15	..	2,000	..	..	2,000
521	214	79	160	974	20	5,986	4,628	3,306	560	14,460
..	129	56	..	185	4	..	3,411	228	..	3,639
..	50	..	..	50	..	..	50	..	..	50
90	..	..	..	90	..	693	..	..	..	693
99	179	56	..	334	4	693	3,461	228	..	4,382
23	..	..	600	623	..	93	..	..	29,140	29,232
49	..	16	..	65	..	515	..	144	..	659
129	..	..	..	129	5	388	..	..	..	388
201	..	16	600	817	5	995	..	144	29,140	30,279
..	..	..	..	..	..	..	11,000	..	..	11,000
821	393	151	769	2,125	29	7,654	19,069	3,678	29,700	60,121

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total indirectly affected.

## IIb.—CAUSES OF DISPUTES IN

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE DAYS of ALL DISPUTES in progress during 1900,\* classified by Result

[Disputes involving less than 10 workpeople, and those which lasted less than one day

Principal Cause or Object.	Number of Disputes.				
	Number of Disputes beginning in 1900, the Results of which were—				Total No. of Disputes beginning in 1900.
	In favour of Work-people.	In favour of Em-ployers.	Compro-mised.	In-definite or Un-settled.	
<b>Wages :</b>					
For increase .. .. .	5	13	15	..	33
Against decrease .. .. .	..	1	..	..	1
Other .. .. .	..	1	..	..	1
<b>Totals .. .. .</b>	<b>5</b>	<b>15</b>	<b>15</b>	<b>..</b>	<b>35</b>
<b>Employment of Particular Classes or Persons :</b>					
For re-instatement of discharged workpeople ..	1	..	..	..	1
<b>.Totals .. .. .</b>	<b>1</b>	<b>..</b>	<b>..</b>	<b>..</b>	<b>1</b>
<b>Working Arrangements, Rules, and Discipline (other than above) :</b>					
For change in existing arrangements .. ..	2	3	1	..	6
Against change in existing arrangements .. ..	..	2	1	..	3
Other .. .. .	..	1	..	..	1
<b>Totals .. .. .</b>	<b>2</b>	<b>6</b>	<b>2</b>	<b>..</b>	<b>10</b>
<b>Trade Unionism .. .. .</b>	<b>..</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>1</b>
<b>Sympathetic Disputes .. .. .</b>	<b>1</b>	<b>2</b>	<b>..</b>	<b>..</b>	<b>3</b>
<b>Totals for 1900 .. .. .</b>	<b>9</b>	<b>23</b>	<b>18</b>	<b>..</b>	<b>50</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding the number (directly

1900—TRANSPORT TRADES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING and Principal Cause—*continued.*

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration.*				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
1,080	4,185	5,638	..	10,903	895	2,880	65,960	47,225	..	116,045
..	150	..	..	150	..	..	1,950	..	..	1,950
..	1,584	..	..	1,584	..	..	86,000	..	..	86,000
1,080	5,899	5,638	..	12,617	895	2,880	153,910	47,225	..	203,995
74	..	..	..	74	..	2,886	..	..	..	2,886
74	..	..	..	74	..	2,886	..	..	..	2,886
98	5,800	25	..	5,923	1,254	574	77,600	75	..	78,249
..	98	225	..	323	584	..	900	5,663	..	6,563
..	24	..	..	24	..	..	96	..	..	96
98	5,922	250	..	6,270	1,838	574	78,596	5,738	..	84,908
..	..	370	..	370	..	..	..	555	..	555
323	639	..	..	962	..	10,336	1,100	..	..	11,436
1,575	12,460	6,258	..	20,293	2,733	16,656	233,696	53,518	..	303,780

duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total and indirectly) affected.

## Iib.—CAUSES OF DISPUTES IN 1900—MISCELLANEOUS

NUMBER of DISPUTES beginning in 1900, NUMBER of WORKPEOPLE  
DAYS of ALL DISPUTES in progress during 1900,\* classified by Result

[Disputes involving less than 10 workpeople, and those which lasted less than one day

Principal Cause or Object.	Number of Disputes.				
	Number of Disputes beginning in 1900, the Results of which were—				Total No. of Disputes begin- ning in 1900.
	In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
<b>Wages :</b>					
For increase .. .. .	9	15	12	1	37
Against decrease .. .. .	2	..	2	..	4
As to system of payment of wages .. .. .	2	3	2	..	7
Other .. .. .	2	..	..	..	2
<b>Totals .. .. .</b>	<b>15</b>	<b>18</b>	<b>16</b>	<b>1</b>	<b>50</b>
<b>Hours of Labour :</b>					
For decrease .. .. .	1	..	..	..	1
As to arrangement of hours .. .. .	..	..	1	..	1
<b>Totals .. .. .</b>	<b>1</b>	<b>..</b>	<b>1</b>	<b>..</b>	<b>2</b>
<b>Employment of Particular Classes or Persons :</b>					
Disputes between classes of workpeople .. ..	..	..	..	1	1
Employment of labourers instead of skilled workmen.	..	1	1	..	2
Employment of women instead of men .. ..	..	1	..	..	1
Employment of apprentices and boys .. ..	1	..	..	..	1
For re-instatement of discharged workpeople ..	1	2	2	..	5
Against employment of certain officials .. ..	..	..	..	..	..
<b>Totals .. .. .</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>1</b>	<b>10</b>
<b>Working Arrangements, Rules and Discipline (other than above) :</b>					
For change in existing arrangements .. ..	..	1	..	..	1
Other .. .. .	..	2	..	..	2
<b>Totals .. .. .</b>	<b>..</b>	<b>3</b>	<b>..</b>	<b>..</b>	<b>3</b>
<b>Trade Unionism .. .. .</b>	<b>3</b>	<b>3</b>	<b>..</b>	<b>..</b>	<b>6</b>
<b>Totals for 1900 .. .. .</b>	<b>21</b>	<b>28</b>	<b>20</b>	<b>2</b>	<b>71</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and excluding number (directly and

TRADES AND EMPLOYEES OF PUBLIC AUTHORITIES.

directly affected by such DISPUTES, and AGGREGATE DURATION in WORKING and Principal Cause — *continued.*

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

Workpeople affected.						Aggregate Duration *				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes in 1900, the Results of which were—				Aggregate Duration in Working Days of Disputes in 1900.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
583	1,407	21,136	7	23,063	556	5,261	22,783	604,084	1,133	723,161
198	..	38	..	231	2	1,063	..	470	..	1,563
66	64	47	..	179	47	1,398	1,073	538	..	2,899
96	..	..	..	96	..	2,141	..	..	..	2,141
639	1,471	21,221	7	23,539	605	9,793	23,856	605,602	1,133	729,764
69	..	..	..	69	..	400	..	..	..	400
..	..	200	..	200	..	..	..	400	..	400
69	..	200	..	269	..	400	..	400	..	900
..	..	..	20	20	20	..	..	..	520	520
..	20	432	..	452	..	..	120	976	..	1,096
..	34	..	..	34	..	..	1,734	..	..	1,734
14	..	..	..	14	..	98	..	..	..	98
12	43	116	..	171	107	432	2,153	1,468	..	4,063
..	..	..	..	..	..	..	500	..	..	500
26	67	543	20	631	127	800	4,597	2,444	520	8,091
..	85	..	..	85	19	..	1,144	..	..	1,144
..	67	..	..	67	..	..	265	..	..	265
..	152	..	..	152	19	..	1,499	..	..	1,499
243	81	..	..	327	34	6,513	2,250	..	..	8,763
1,231	1,601	21,969	27	25,828	635	17,236	31,972	697,876	1,653	748,737

the duration in 1901 of disputes beginning in 1900. The aggregate duration is computed on the basis of the total indirectly affected.

## III.—DISPUTES IN 1900

NUMBER of WORKPEOPLE AFFECTED by DISPUTES beginning in 1900,  
in progress in each trade during

*[Disputes involving less than 10 workpeople, and those which lasted less than one day]*

Groups of Trades.	Northern Counties.	Yorkshire.	Lancashire and Cheshire.	North and West Midland Counties.	South Midland and Eastern Counties.
NUMBER OF WORKPEOPLE DIRECTLY AND INDIRECTLY					
Building ... ..	2,032	1,267	1,810	2,290	1,182
Mining and Quarrying ...	5,641	10,091	2,640	11,134	...
Metal, Engineering, and Shipbuilding.	1,977	764	904	1,863	24
Textile ... ..	...	534	19,354	345	...
Clothing ... ..	36	305	311	218	...
Transport ... ..	1,532	1,160	240	2,530	...
Miscellaneous ... ..	681	938	329	21,209	13
Employees of Public Authorities.	16	57	164	104	...
<b>Totals ... ..</b>	<b>11,915</b>	<b>15,116</b>	<b>25,752</b>	<b>39,693</b>	<b>1,219</b>
AGGREGATE DURATION IN WORKING					
Building ... ..	68,565	19,328	58,975	52,969	50,408
Mining and Quarrying ...	38,750	102,177	41,377	66,890	...
Metal, Engineering, and Shipbuilding.	33,733	22,693	31,960	23,436	1,000
Textile ... ..	...	4,874	374,703	4,980	...
Clothing ... ..	2,410	3,537	4,461	1,071	...
Transport ... ..	18,510	18,108	5,124	25,930	...
Miscellaneous ... ..	20,052	10,392	5,126	657,439	200
Employees of Public Authorities.	432	3,173	1,476	1,144	...
<b>Totals ... ..</b>	<b>182,452</b>	<b>184,282</b>	<b>523,202</b>	<b>833,859</b>	<b>51,608</b>

\* Including the aggregate duration in 1900 of disputes beginning in previous years, and is computed on the basis of the total



## DISTRICTS AFFECTED IN 1900.

lxxvii.

## CLASSIFIED BY DISTRICTS.

and the AGGREGATE DURATION in WORKING DAYS of ALL DISPUTES 1900,\* classified by Districts.

*have been omitted, except when the aggregate duration exceeded 100 working days.]*

London.	South Eastern Counties.	South Western Counties.	Wales and Monmouth.	Scotland.	Ireland.	Isle of Man.	Total.
---------	-------------------------------	-------------------------------	---------------------------	-----------	----------	-----------------	--------

## AFFECTED BY DISPUTES BEGINNING IN 1900.

1,535	769	310	149	6,583	1,219	32	19,178
...	...	...	39,543	5,200	115	...	74,364
450	184	...	6,571	6,701	372	...	19,810
...	...	...	...	3,255	655	...	24,143
485	...	42	...	147	610	...	2,154
9,325	900	...	1,493	4,426	1,420	...	23,026
513	190	22	380	501	192	...	24,968
355	121	...	...	31	47	...	895
12,663	2,164	374	48,136	26,844	4,630	32	188,538

## DAYS OF DISPUTES IN 1900.\*

10,989	10,775	14,644	25,188	237,391	177,202	192	726,626
...	...	492	252,663	47,140	3,443	...	552,932
2,700	1,000	...	93,078	131,614	7,916	...	349,130
...	...	...	...	23,501	3,310	...	411,368
3,943	...	14,023	...	1,216	29,460	...	60,121
132,151	6,400	...	16,659	62,038	18,860	...	303,780
14,863	570	176	5,896	22,326	3,232	...	740,272
1,232	726	...	...	141	141	...	8,465
165,878	19,471	29,335	393,484	525,367	243,564	192	3,152,694

excluding the duration in 1901 of disputes beginning in 1900. The aggregate duration number (directly and indirectly) affected.

## IV.—METHODS OF SETTLEMENT

DISPUTES in each Trade beginning in 1900, classified according

(1.) NUMBER OF DISPUTES.

Trades.	No. of Disputes settled							Total No. of Disputes.
	By Arbitration.	By Conciliation and Mediation.	By direct arrangement or negotiation between the parties or their representatives.	By return to work on Employers' terms without negotiation.	By replacement of Work-people.	By closing of Works.	Otherwise, including Indefinite or Unsettled Disputes.	
<b>Building Trades.</b>								
Two or more branches ..	1	..	3	..	..	..	..	4
Bricklayers and Bricklayers' Labourers ..	2	1	24	4	5	..	1	37
Masons and Masons' Labourers ..	..	1	10	1	3	..	..	15
Carpenters and Joiners ..	2	..	24	1	4	..	1	32
Slaters and Tilers ..	..	..	7	1	1	..	..	9
Plumbers ..	..	1	7	..	1	1	1	11
Plasterers and Plasterers' Labourers ..	..	..	6	..	2	..	..	8
Painters and Decorators ..	3	1	9	..	1	..	..	14
Labourers ..	1	..	11	3	1	..	..	16
Total ..	9	4	101	10	13	1	3	146
<b>Mining and Quarrying ..</b>								
	5	3	120	2	3	1	2	136
<b>Metal, Engineering and Ship-building.</b>								
Pig Iron and Iron and Steel..	..	..	10	..	..	..	1	11
Engineering and Shipbuilding ..	..	..	46	6	15	..	..	67
Tinplate Making ..	1	..	8	..	..	1	..	10
Miscellaneous Metal ..	..	..	13	1	8	..	1	23
Total ..	1	..	77	7	23	1	2	111
<b>Textile Trades.</b>								
Cotton Spinning ..	..	1	15	1	2	..	..	19
Cotton Weaving ..	..	..	52	1	1	..	..	54
Other ..	..	..	15	6	1	1	..	23
Total ..	..	1	82	8	4	1	..	96
<b>Clothing ..</b>								
	..	..	20	3	7	..	..	30
<b>Transport ..</b>								
	3	2	36	3	4	..	..	50
<b>Miscellaneous:</b>								
Woodworking and Furnishing ..	..	1	10	1	4	..	1	17
Brick, Glass, &c... ..	..	1	15	1	..	..	..	17
Other ..	1	..	13	4	7	..	1	26
Total ..	1	2	38	6	11	..	2	60
<b>Employees of Public Authorities.</b>								
	..	1	3	1	1	..	..	11
Grand Totals ..	19	13	467	45	71	4	9	648

\* For detailed list of the Disputes settled by

## OF DISPUTES IN 1900.

to the METHODS by which DISPUTES were settled.

## (2.) NUMBER OF WORKPEOPLE.

Trades.	No. of Workpeople involved in Disputes settled							Total No. of Workpeople.
	By Arbitration.	By Conciliation and Mediation.	By direct arrangement or negotiation between the parties or their representatives.	By return to work on Employers' terms without negotiation.	By replacement of Workpeople.	By closing of Works.	Otherwise, including Indefinite or Unsettled Disputes.	
<b>Building Trades.</b>								
Two or more branches ..	181	..	770	..	..	..	..	931
Bricklayers and Bricklayers' Labourers ..	1,403	270	2,991	447	349	..	34	5,504
Masons and Masons' Labourers ..	..	420	2,880	15	56	..	..	3,380
Carpenters and Joiners ..	1,800	..	2,937	100	166	..	208	5,011
Slaters and Tilers ..	..	..	140	30	17	..	..	187
Plumbers ..	..	60	567	..	10	15	50	692
Plasterers and Plasterers' Labourers ..	..	..	933	..	62	..	..	995
Painters and Decorators ..	109	30	432	..	200	..	..	771
Labourers ..	250	..	1,090	377	100	..	..	1,817
<b>Total .. ..</b>	<b>3,523</b>	<b>780</b>	<b>12,739</b>	<b>969</b>	<b>860</b>	<b>15</b>	<b>292</b>	<b>19,178</b>
<b>Mining and Quarrying ..</b>	<b>871</b>	<b>1,030</b>	<b>67,667</b>	<b>1,055</b>	<b>411</b>	<b>200</b>	<b>3 650</b>	<b>74,364</b>
<b>Metal, Engineering and Shipbuilding.</b>								
Pig Iron and Iron and Steel..	..	..	4,012	..	..	..	120	4,132
Engineering and Shipbuilding	..	..	9,196	249	933	..	..	10,377
Tinplate Making ..	300	..	2,331	..	..	55	..	2,686
Miscellaneous Metal ..	..	..	1,101	138	1,356	..	20	2,615
<b>Total .. ..</b>	<b>300</b>	<b>..</b>	<b>16,639</b>	<b>387</b>	<b>2,289</b>	<b>55</b>	<b>140</b>	<b>19,810</b>
<b>Textile Trades.</b>								
Cotton Spinning ..	..	4,736	4,037	267	44	..	..	9,084
Cotton Weaving ..	..	..	9,751	150	14	..	..	9,915
Other ..	..	..	2,663	2,430	21	30	..	5,144
<b>Total .. ..</b>	<b>..</b>	<b>4,736</b>	<b>16,451</b>	<b>2,847</b>	<b>79</b>	<b>30</b>	<b>..</b>	<b>24,143</b>
<b>Clothing .. ..</b>	<b>..</b>	<b>..</b>	<b>1,940</b>	<b>61</b>	<b>153</b>	<b>..</b>	<b>..</b>	<b>2,154</b>
<b>Transport .. ..</b>	<b>2,274</b>	<b>1,700</b>	<b>15,001</b>	<b>2,274</b>	<b>577</b>	<b>..</b>	<b>..</b>	<b>23,026</b>
<b>Miscellaneous.</b>								
Woodworking and Furnishing	..	117	865	63	77	..	7	1,129
Brick, Glass, &c... ..	..	140	21,274	42	..	..	..	21,456
Other ..	150	..	1,385	463	185	..	200	2,383
<b>Total .. ..</b>	<b>150</b>	<b>257</b>	<b>23,524</b>	<b>568</b>	<b>262</b>	<b>..</b>	<b>207</b>	<b>24,968</b>
<b>Employees of Public Authorities.</b>	<b>..</b>	<b>40</b>	<b>464</b>	<b>104</b>	<b>287</b>	<b>..</b>	<b>..</b>	<b>895</b>
<b>Grand Totals .. ..</b>	<b>7,118</b>	<b>8,593</b>	<b>155,025</b>	<b>8,895</b>	<b>4,918</b>	<b>300</b>	<b>3,689</b>	<b>188,538</b>

Conciliation and Arbitration, see pages 76, 79.

V.—DISPUTES IN 1900 CLASSIFIED ACCORDING TO  
MAGNITUDE.\*

DISPUTES beginning in 1900 CLASSIFIED ACCORDING TO MAGNITUDE as measured by (a) the AGGREGATE DURATION in WORKING DAYS, and (b) the NUMBER of WORKPEOPLE DIRECTLY and INDIRECTLY AFFECTED.

Limits of Groups.	No. of Disputes beginning in 1900.	Workpeople affected by these Disputes.		Aggregate Duration of these Disputes in Working Days.†	
		Number.	Percentage of Total.	Aggregate Duration.	Percentage of Total.
Classified according to Aggregate Duration in Working Days.†					
Disputes with an aggregate duration of—					
100,000 days and upwards ..	7	32,900	17·4	1,672,210	46·6
50,000 and under 100,000 days ..	2	1,600	0·8	125,362	3·5
25,000 and under 50,000 days..	13	17,260	9·2	444,383	12·4
15,000 and under 25,000 days..	21	22,924	12·2	406,261	11·4
10,000 and under 15,000 days..	12	6,630	3·5	137,999	3·9
5,000 and under 10,000 days ..	31	19,417	10·3	211,290	5·9
2,500 and under 5,000 days ..	74	24,508	13·0	266,963	7·4
1,000 and under 2,500 days ..	123	32,338	17·2	195,890	5·5
500 and under 1,000 days ..	100	13,988	7·4	67,737	1·9
250 and under 500 days ..	92	9,475	5·0	33,365	0·9
Under 250 days*.. ..	173	7,498	4·0	22,075	0·6
Totals .. ..	648	188,538	100·0	3,585,535	100·0
Classified according to Total Number of Workpeople Directly and Indirectly affected.					
Disputes affecting—					
5,000 workpeople and upwards ..	4	36,470	19·3	714,000	19·9
2,500 and under 5,000 .. ..	5	10,536	8·8	593,835	16·6
1,000 and under 2,500 .. ..	31	44,044	23·4	472,813	13·2
500 and under 1,000 .. ..	43	27,845	14·8	700,860	19·5
250 and under 500 .. ..	82	27,250	14·4	480,119	13·4
100 and under 250 .. ..	148	23,902	12·7	368,578	10·8
50 and under 100 .. ..	98	6,708	3·6	114,005	3·2
25 and under 50 .. ..	111	3,858	2·0	81,925	2·3
Under 25* .. ..	126	1,925	1·0	39,400	1·1
Totals .. ..	648	188,538	100·0	3,585,535	100·0

\* Disputes involving less than 10 workpeople, and those which lasted less than one day have been omitted, except when the aggregate duration exceeded 100 working days.  
† The aggregate duration as stated in this Table refers exclusively to disputes beginning in 1900. It includes, however, working days lost in 1901 owing to certain disputes extending beyond 1900. A few of the disputes of 1900 were still in progress at the time of going to press. The preceding Summary Tables state the aggregate duration of all disputes in progress during 1900, whether they began in, or before, that year.

*SUMMARY TABLES.*

---

TRADE DISPUTES,  
1896—1900.

---

DISPUTES CLASSIFIED BY :—	Page.
VI. Results ... ..	lxxxii
VII. Causes ... ..	lxxxvi
VIII. Districts ... ..	lxxxviii
IX. Proportion of industrial population affected by disputes ... ..	lxxxviii

---

## VI.—DISPUTES IN EACH GROUP OF TRADES

NUMBER of DISPUTES, beginning in each of the Years, 1896—1900,  
AGGREGATE DURATION in WORKING DAYS of ALL DISPUTES in

Group of Trades and Year.		Number of Disputes.				
		Number of Disputes beginning in each year, the Results of which were—				Total No. of Disputes beginning in each year.
		In favour of Work-people.	In favour of Em-ployers.	Compro-mised.	In-definite or Un-settled.	
Building Trades .. .. .	1896	92	40	39	..	171
	1897	126	43	24	..	193
	1898	76	40	66	1	183
	1899	64	37	76	3	180
	1900	50	47	46	3	146
Mining and Quarrying .. .. .	1896	34	66	71	..	171
	1897	43	41	39	4	127
	1898	33	32	62	2	129
	1899	35	36	36	2	109
	1900	49	25	59	3	136
Metal, Engineering and Shipbuilding .. .. .	1896	117	81	66	2	266
	1897	67	82	75	5	229
	1898	62	51	39	..	152
	1899	38	58	42	2	140
	1900	23	49	37	2	111
Textile Trades .. .. .	1896	58	65	29	1	153
	1897	23	65	19	1	108
	1898	29	41	29	..	99
	1899	40	48	36	..	124
	1900	36	25	33	2	96
Clothing Trades .. .. .	1896	27	12	9	..	48
	1897	34	12	10	..	56
	1898	22	16	15	..	53
	1899	16	12	9	..	37
	1900	14	14	8	2	38

\* Including the aggregate duration in each year of disputes beginning in previous years.

## RESULTS IN 1896—1900.

lxxiii

## IN 1896—1900—CLASSIFIED BY RESULTS.

NUMBER of WORKPEOPLE DIRECTLY AFFECTED by such DISPUTES, and the progress during each of the FIVE YEARS, 1896—1900, classified by RESULTS.

Workpeople affected						Aggregate Duration.*				
Directly.					Total Indi- rectly affected.	Aggregate Duration in Working Days of Disputes beginning in each year, the Results of which were—				Aggregate Duration in Working Days of Disputes in each year.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
18,993	8,142	3,003	..	30,138	3,174	506,042	471,700	82,485	..	1,060,227
9,874	1,634	1,976	..	13,484	1,563	231,815	62,988	58,545	..	353,348
5,869	1,363	9,993	7	14,232	2,452	77,939	54,043	247,041	147	379,170
11,015	1,806	13,975	84	26,780	3,744	227,751	46,651	576,905	2,900	854,207
4,660	6,549	4,790	274	16,273	2,905	49,629	309,029	362,774	5,194	726,626
12,585	13,354	22,283	..	48,222	18,975	432,062	122,450	457,156	..	1,011,668
14,466	10,725	8,915	1,509	35,615	13,777	769,132	207,697	291,866	177,148	1,445,843
3,034	104,981	12,278	104	147,397	29,632	185,544	11,746,572	934,003	10,215	12,876,334
11,539	7,513	7,872	96	27,020	19,811	78,601	99,037	320,290	6,500	504,428
21,682	4,273	13,378	3,122	45,455	28,909	181,207	43,499	280,348	67,873	552,832
18,834	7,431	6,754	209	33,228	14,909	392,335	188,160	279,321	2,944	862,761
6,553	40,907	19,441	245	67,146	30,043	103,163	6,098,201	916,069	23,856	7,141,269
4,689	5,032	5,384	..	15,105	6,327	80,923	1,204,416	76,146	9,279	1,370,764
4,662	4,444	4,791	530	14,427	6,692	62,131	180,837	157,354	20,338	420,660
2,072	3,374	4,814	140	10,400	9,410	45,050	119,985	176,885	7,210	349,130
8,919	9,066	5,249	50	23,284	10,372	96,781	295,642	121,876	5,618	519,917
1,649	8,976	14,283	155	25,063	11,938	23,214	257,185	391,791	5,425	677,615
2,883	5,549	3,274	..	11,706	13,272	31,850	96,237	145,477	..	273,564
6,505	39,230	6,087	..	51,822	9,677	56,793	444,348	51,344	..	552,485
5,571	4,647	5,030	323	15,571	8,572	49,141	260,018	100,950	1,259	411,268
1,315	423	1,211	..	2,949	1,020	68,989	16,978	12,767	..	98,734
3,525	1,927	550	..	6,002	1,014	33,230	236,327	31,525	..	301,062
569	874	1,418	..	2,861	670	5,745	45,144	19,011	..	69,900
516	423	515	..	1,454	804	14,389	16,077	11,668	..	42,154
821	393	151	760	2,125	29	7,654	10,689	3,678	29,700	60,121

The aggregate duration is computed on the basis of the total number (directly and indirectly) affected.

[Continued on p. lxxxiv.]

## VI.—DISPUTES IN EACH GROUP OF TRADES

NUMBER of DISPUTES, beginning in each of the Years, 1896—1900,  
AGGREGATE DURATION in WORKING DAYS of ALL DISPUTES in progress

Group of Trades and Year.		Number of Disputes.				
		Number of Disputes beginning in each year, the Results of which were—				Total No. of Disputes beginning in each year.
		In favour of Work-people.	In favour of Em-employers.	Compromised.	In-definite or Un-settled.	
Transport Trades .. .. .	1896	9	8	8	..	25
	1897	6	20	21	1	48
	1898	2	9	11	..	22
	1899	10	21	16	..	47
	1900	9	23	18	..	50
Miscellaneous Trades .. .. .	1896	38	29	20	..	87
	1897	30	40	25	..	95
	1898	12	35	20	..	67
	1899	25	27	18	1	71
	1900	17	25	17	1	60
Employees of Public Authorities .. .. .	1896	3	1	1	..	5
	1897	2	4	2	..	8
	1898	2	3	1	..	6
	1899	2	6	3	..	11
	1900	4	3	3	1	11
All Trades .. .. .	1896	378	362	243	3	926
	1897	331	397	215	11	864
	1898	238	227	243	3	711
	1899	230	245	236	8	719
	1900	202	211	221	14	648

\* Including the aggregate duration in each year of disputes beginning in previous years



IN 1896—1900—CLASSIFIED BY RESULTS—*continued.*

NUMBER of WORKPEOPLE DIRECTLY AFFECTED by such DISPUTES and the during each of the FIVE YEARS 1896—1900, classified by RESULTS—*continued.*

Workpeople affected						Aggregate Duration.*				
Directly.					Total indi- rectly afec- ted.	Aggregate Duration in Working Days of Disputes beginning in each year, the Results of which were--				Aggregate Duration in Working Days of Disputes in each year.
Number affected by Disputes, the Results of which were--				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
638	513	2,081	..	3,232	80	2,157	7,337	13,549	..	23,043
1,204	1,940	8,589	24	11,847	676	6,756	23,488	45,503	750	76,497
230	1,475	1,639	..	3,344	134	230	31,615	14,926	..	46,771
1,678	4,248	5,809	..	11,735	876	12,497	34,089	15,884	..	62,450
1,575	12,460	6,258	..	20,293	2,733	16,656	233,606	53,518	..	303,780
2,917	2,452	1,145	..	6,514	1,556	18,798	110,146	39,474	..	188,418
3,058	1,947	2,955	..	7,960	3,774	52,206	218,373	77,880	..	348,459
1,075	1,090	3,445	..	5,610	651	22,447	35,343	209,925	..	267,715
880	1,632	1,149	28	3,669	543	8,976	22,155	41,764	350	73,245
1,071	1,265	21,987	7	24,230	738	15,835	28,752	694,562	1,133	740,272
154	50	179	..	383	154	664	400	537	..	1,601
45	103	188	..	336	29	93	849	448	..	1,390
111	303	70	..	484	..	111	5,079	70	..	5,260
33	979	139	..	1,151	12	150	6,257	400	..	6,787
180	536	82	20	798	97	1,411	3,220	3,314	520	8,465
64,355	41,431	41,995	259	147,959	56,249	1,517,828	1,212,813	1,997,165	8,562	3,746,368
49,464	68,159	56,897	1,933	167,453	62,814	1,219,609	7,105,108	1,813,627	207,179	16,345,523
45,490	120,667	34,501	111	200,769	53,138	404,789	13,218,449	1,646,599	19,641	15,289,478
36,808	60,275	40,237	738	138,058	42,159	461,238	849,411	1,175,629	30,068	2,516,416
49,612	33,497	56,399	4,646	135,145	53,393	366,573	1,017,198	1,656,029	112,894	3,152,694

The aggregate duration is computed on the basis of the total number (directly and indirectly) affected.

## VII.—CAUSES OF DISPUTES

NUMBER of DISPUTES, beginning in each of the Years 1896—1900, NUMBER DURATION in WORKING DAYS of ALL DISPUTES in progress during

Principal Cause or Object.		Number of Disputes.				
		Number of Disputes, the Results of which were—				Total No. of Disputes.
		In favour of Work-people.	In favour of Em-ployers.	Compro-mised.	In-definite or Un-settled.	
Wages.. .. .	1896	218	187	173	1	579
	1897	202	180	143	7	532
	1898	159	106	182	2	449
	1899	153	127	175	5	460
	1900	128	137	164	9	438
Hours of Labour .. .. .	1896	11	8	3	..	22
	1897	5	8	6	1	20
	1898	8	8	3	..	19
	1899	4	7	6	..	17
	1900	1	2	3	..	6
Employment of Particular Classes or Persons ..	1896	60	52	30	2	144
	1897	43	52	26	..	121
	1898	26	44	17	..	87
	1899	29	56	16	1	102
	1900	29	30	32	2	93
Working Arrangements, Rules, and Discipline .. (other than above).	1896	44	31	21	..	96
	1897	46	35	34	2	119
	1898	26	36	32	..	94
	1899	25	22	21	..	68
	1900	16	21	18	2	57
Trade Unionism .. .. .	1896	38	19	7	..	64
	1897	24	22	2	1	49
	1898	15	28	7	1	51
	1899	12	26	6	2	46
	1900	24	17	3	1	45
Sympathetic Disputes .. .. .	1896	4	3	9	..	16
	1897	9	8	3	..	20
	1898	4	2	2	..	8
	1899	6	6	12	..	24
	1900	1	4	..	..	5
Miscellaneous .. .. .	1896	3	2	..	..	5
	1897	..	2	1	..	3
	1898	..	3	..	..	3
	1899	1	1	..	..	2
	1900	3	..	1	..	4
Grand Totals .. .. .	1896	378	302	243	3	926
	1897	331	307	215	11	864
	1898	238	227	243	3	711
	1899	230	245	226	8	719
	1900	202	211	221	14	648

## IN 1896—1900 (ALL TRADES).

of WORKPEOPLE DIRECTLY affected by such DISPUTES, and the AGGREGATE each of the Five Years 1896—1900, classified by CAUSES and RESULTS.

Workpeople affected.						Aggregate Duration.				
Directly.					Total In- directly affected.	Aggregate Duration in Working Days of Disputes, the Results of which were—				Aggregate Duration in Working Days.
Number affected by Disputes, the Results of which were—				Total Directly affected.		In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.	
In favour of Work- people.	In favour of Em- ployers.	Compro- mised.	In- definite or Un- settled.							
41,955	27,239	26,716	65	95,975	35,856	1,108,568	1,069,814	858,022	2,080	3,028,474
23,857	18,702	29,638	1,709	73,906	32,387	461,482	1,061,290	1,324,810	188,883	3,034,465
40,823	109,674	25,791	104	176,392	41,578	355,290	11,893,712	1,204,276	11,215	13,464,493
22,668	45,643	25,716	624	94,651	26,415	328,459	571,776	749,488	28,288	1,678,011
16,886	20,360	44,197	1,460	82,903	34,648	225,126	849,514	1,291,672	21,784	2,387,096
1,548	602	205	..	2,355	1,430	8,547	9,011	34,293	..	51,851
3,029	35,375	780	43	39,227	13,542	49,578	5,741,405	28,667	2,795	5,822,445
289	358	130	..	777	863	7,443	1,123,424	869	8,000	1,139,736
410	1,890	1,587	..	3,857	1,408	5,280	6,492	20,242	..	32,014
69	75	574	..	718	7,140	3,280	1,879	50,285	..	55,444
10,854	5,972	5,725	194	22,745	8,774	310,382	68,653	46,697	6,482	432,214
2,108	4,370	8,362	..	14,840	4,689	18,373	111,611	110,141	..	240,125
1,443	5,359	2,401	..	9,203	4,344	6,760	90,624	123,371	..	220,755
1,913	4,629	1,595	50	8,187	7,036	23,181	104,747	35,200	1,000	164,125
3,523	1,976	4,892	36	10,427	3,488	21,470	28,041	222,148	820	272,479
4,901	6,388	6,244	..	17,533	4,628	42,076	35,395	55,607	..	113,078
4,802	7,347	16,747	172	29,068	9,243	39,145	87,839	308,669	17,204	452,857
1,899	3,988	5,865	..	11,742	2,993	14,778	77,928	314,289	..	406,965
8,330	1,732	7,833	..	17,895	4,323	91,889	66,530	275,251	..	433,670
2,220	9,284	4,352	3,100	18,956	3,682	13,237	105,609	36,679	89,140	244,665
4,216	682	381	..	5,279	1,522	36,793	27,680	6,550	..	71,003
4,927	831	560	9	6,327	1,691	631,611	21,574	5,502	297	658,964
798	1,134	276	7	2,215	3,130	10,758	19,247	2,663	426	33,094
1,166	2,765	1,135	64	5,130	472	2,900	74,757	22,604	800	101,061
17,241	1,107	1,175	50	19,573	1,515	83,280	27,831	49,945	1,150	162,195
753	475	2,634	..	3,834	..	8,855	11,214	25,996	..	46,065
1,741	1,269	798	..	3,796	887	19,420	78,721	34,378	..	133,019
248	59	38	..	345	232	9,760	7,077	531	..	17,368
2,246	3,616	2,371	..	8,233	2,505	9,504	24,249	72,844	..	106,597
323	695	..	..	1,018	20	10,336	5,324	2,500	..	18,160
126	73	..	..	199	30	2,617	1,066	..	..	3,683
..	265	24	..	289	375	..	2,668	960	..	3,628
..	95	..	..	95	..	..	6,437	600	..	7,037
75	30	..	..	105	..	75	880	..	..	935
350	..	1,200	..	1,550	2,700	9,855	..	2,800	..	12,655
64,355	41,431	41,905	259	147,950	50,249	1,517,828	1,212,813	1,007,165	8,562	3,748,368
40,464	38,159	56,897	1,933	167,453	62,314	1,219,609	7,105,108	1,813,627	207,179	10,345,523
45,499	120,667	34,591	111	200,769	53,138	404,789	13,218,449	1,646,599	19,641	15,289,478
36,908	60,275	40,237	738	138,958	42,159	461,288	849,411	1,175,629	30,088	2,516,416
40,612	33,497	56,390	4,646	135,145	53,393	366,573	1,017,198	1,656,029	112,894	3,152,694

## VIII.—DISPUTES CLASSIFIED BY DISTRICTS—1896-1900.

NUMBER of WORKPEOPLE directly and indirectly affected by  
TRADE DISPUTES in the undermentioned DISTRICTS in each  
of the years 1896-1900.

District.	Number of Workpeople affected by Trade Disputes.				
	1896.	1897.	1898.	1899.	1900.
<b>England and Wales.</b>					
Northern Counties .. ..	28,873	42,587	16,875	9,382	11,915
Yorkshire .. ..	23,682	25,877	27,249	18,890	15,116
Lancashire and Cheshire ..	29,425	50,325	18,837	28,482	25,752
N. and W. Midland Counties ..	13,655	17,571	23,915	14,828	39,693
S. Midland and E. Counties ..	1,562	3,733	1,590	1,378	1,219
London .. ..	19,871	9,713	1,993	4,385	12,683
South Eastern Counties ..	767	2,311	599	1,371	2,164
South Western Counties ..	1,891	1,981	335	1,392	374
Wales and Monmouthshire ..	38,384	23,176	113,836	37,560	48,136
<b>Total England and Wales</b>	<b>157,929</b>	<b>176,854</b>	<b>295,319</b>	<b>117,448</b>	<b>157,932</b>
<b>Scotland .. ..</b>	<b>31,499</b>	<b>35,722</b>	<b>41,964</b>	<b>59,870</b>	<b>26,344</b>
<b>Ireland .. ..</b>	<b>8,664</b>	<b>17,541</b>	<b>6,504</b>	<b>2,889</b>	<b>4,639</b>
<b>Isle of Man .. ..</b>	<b>77</b>	<b>150</b>	<b>200</b>	<b>19</b>	<b>32</b>
<b>Total United Kingdom ..</b>	<b>198,190</b>	<b>230,267</b>	<b>253,907</b>	<b>180,217</b>	<b>188,538</b>

IX.—PROPORTION OF INDUSTRIAL POPULATION AFFECTED  
BY DISPUTES—1896-1900.

PERCENTAGE PROPORTION of WORKING POPULATION engaged in  
certain GROUPS of TRADES involved in DISPUTES in each of  
the years 1896-1900.

Group of Trades.	Percentage proportion of Working Population involved in Disputes.				
	1896.	1897.	1898.	1899.	1900.
Building .. ..	4.1	1.8	2.0	3.7	2.3
Mining and Quarrying .. ..	8.0	5.9	21.1	5.6	9.1
Metal, Engineering and Ship- building.	4.4	8.8	1.9	1.9	1.6
Textile .. ..	2.7	3.0	2.0	4.9	2.0
Clothing .. ..	0.7	1.2	0.6	0.4	0.4
Printing .. ..	0.1	0.3	0.1	0.1	0.2
Woodworking .. ..	0.9	0.8	0.9	0.4	0.4
Glass, Pottery and Chemical ..	1.0	1.6	0.8	0.4	8.0
Food and Tobacco .. ..	0.2	0.1	0.2	0.1	0.2
Miscellaneous Trades .. ..	0.2	0.6	0.2	0.6	0.9
<b>All Trades except Agricul- tural Labourers, Sea- men and Fishermen.</b>	<b>2.4</b>	<b>2.8</b>	<b>3.0</b>	<b>2.2</b>	<b>2.3</b>

*SUMMARY TABLES.*

---

CONCILIATION AND ARBITRATION.

---

1900.

**X.—**Strikes and Lock-outs settled by Conciliation  
and Arbitration.

**XI.—**Work of Permanent Conciliation and Arbitra-  
tion Boards.

1896—1900.

**XII.—**Strikes and Lock-outs settled by Conciliation  
and Arbitration.

**XIII.—**Work of Permanent Conciliation and Arbitra-  
tion Boards.

---

**X.—TRADE DISPUTES SETTLED BY CONCILIATION AND  
ARBITRATION IN 1900.**

SUMMARY TABLE of TRADE DISPUTES which commenced in  
1900 and were settled by CONCILIATION and ARBITRATION,  
classified according to the AGENCIES by which the DISPUTES  
were ARRANGED.

Trade and Agency of Settlement.	Settled by Conciliation.		Settled by Arbitration.		Total Number of Disputes settled by Conciliation or Arbitration.	
	Num- ber of Dis- putes.	Number of Persons Affected.	Num- ber of Dis- putes.	Number of Persons Affected.	Num- ber of Dis- putes.	Number of Persons Affected.
<b>Under the Conciliation Act, 1896:—</b>						
Building Trades .. ..	..	..	4	1,801	4	1,801
Iron Mining .. ..	1	375	..	..	1	375
Transport .. ..	..	..	1	74	1	74
Total .. ..	1	375	5	1,875	6	2,050
<b>By Trade Boards*:—</b>						
Coal Mining .. ..	1	15	3	501	4	516
Transport .. ..	..	..	1	1,800	1	1,800
Public Authorities ..	1	40	..	..	1	40
Total .. ..	2	55	4	2,401	6	2,456
<b>By Trades Council:—</b>						
Pottery Trade .. ..	1	140	..	..	1	140
<b>By Individuals:—</b>						
Building Trades .. ..	4	780	5	1,922	9	2,702
Coal Mining .. ..	1	680	2	370	3	1,060
Tinplate Manufacture ..	..	..	1	300	1	300
Textile Trades .. ..	1	4,736	..	..	1	4,736
Transport .. ..	2	1,700	1	300	3	2,000
Woodworking .. ..	1	117	..	..	1	117
Food .. ..	..	..	1	150	1	150
Total .. ..	9	8,023	10	3,042	19	11,065
<b>Grand Total ..</b>	<b>13</b>	<b>8,503</b>	<b>19</b>	<b>7,118</b>	<b>32</b>	<b>15,711</b>

\* NOTE.—Disputes included under these heads are also counted in the table, showing the work of permanent Boards on the opposite page.

### XI.—WORK OF PERMANENT CONCILIATION AND ARBITRATION BOARDS IN 1900.

SUMMARY TABLE showing for 1900 the NUMBER of CASES DEALT WITH by  
PERMANENT CONCILIATION and ARBITRATION BOARDS and the NUMBER  
of CASES SETTLED, CLASSIFIED by TRADES.

Trade.	Number of Boards that dealt with cases.	Number of Cases dealt with.		
		Considered by Boards.	Withdrawn or otherwise settled independently of the Boards.	Still under consideration at end of 1900.
<b>Trade Boards:—</b>				
Building Trades .. ..	14	29	2	4
Coal Mining .. ..	11	817	514	27
Iron Mining .. ..	1	6	..	..
Quarrying .. ..	1	1	..	..
Pig Iron Manufacture ..	3	15	2	..
Iron and Steel Manufacture	4	14	5	2
Engineering and Ship- building.	9	116	12	1
Other Metal Trades.. ..	7	15	..	1
Boot and Shoe Trade ..	10	147	27	13
Tailoring Trade .. ..	2	13	..	..
Dock and Riverside Labour	4	13	..	1
Total Trade Boards ..	66	1,186	562	49
District Board .. ..	1	3	1	..
General Board .. ..	1	1	..	..
Total .. ..	68	1,190	563	49

	Number of Boards that settled cases.	Number of Cases settled.		
		By Conciliation.	By Arbitration.	Total.
<b>Trade Boards:—</b>				
Building Trades .. ..	11	23	..	23
Coal Mining .. ..	11	191	85	276
Iron Mining .. ..	1	..	6	6
Quarrying .. ..	1	..	1	1
Pig Iron Manufacture ..	3	11	2	13
Iron and Steel Manufacture	3	7	..	7
Engineering and Ship- building.	9	69	34	103
Other Metal Trades.. ..	7	12	2	14
Boot and Shoe Trade ..	10	84	23	107
Tailoring Trade .. ..	2	13	..	13
Dock and Riverside Labour	4	10	2	12
Total Trade Boards ..	62	420	155	575
District Board .. ..	1	..	2	2
General Board .. ..	1	1	..	1
Total .. ..	64	421	157	578

XII.—TRADE DISPUTES SETTLED BY CONCILIATION AND ARBITRATION.

SUMMARY TABLE showing for EACH of the YEARS 1896-1900 the TRADE DISPUTES which commenced in those years and were settled by CONCILIATION and ARBITRATION, CLASSIFIED according to the AGENCIES by which the DISPUTES were ARRANGED.

Year and Agency of Settlement.	Settled by Conciliation.		Settled by Arbitration.		Total Number of Disputes settled by Conciliation or Arbitration.	
	Num-ber of Dis-putes.	Number of Persons Affected.	Num-ber of Dis-putes.	Number of Persons Affected.	Num-ber of Dis-putes.	Number of Persons Affected.
Under the Conciliation Act, 1896:—						
1896 .. .. .	3	1,934	..	..	3	1,934
1897 .. .. .	7	2,512	1	500	8	3,012
1898 .. .. .	4	2,251	3	1,360	7	3,611
1899 .. .. .	1	464	1	1,200	2	1,664
1900 .. .. .	1	375	5	1,875	6	2,050
By Trade Boards:—						
1896 .. .. .	11	1,728	..	..	11	1,728
1897 .. .. .	10	3,349	1	60	11	3,409
1898 .. .. .	18	12,604	1	65	19	12,729
1899 .. .. .	5	392	..	..	5	392
1900 .. .. .	2	55	4	2,401	6	2,456
By District and General Boards and Trades Councils*:—						
1896 .. .. .	..	..	..	..	..	..
1897 .. .. .	1	30	..	..	1	30
1898 .. .. .	..	..	1	28	1	28
1899 .. .. .	5	574	..	..	5	574
1900 .. .. .	1	140	..	..	1	140
By Individuals:—						
1896 .. .. .	16	6,810	19	10,276	35	17,086
1897 .. .. .	9	3,653	12	9,196	21	12,849
1898 .. .. .	8	1,252	8	1,897	16	3,149
1899 .. .. .	11	6,956	15	2,119	26	9,075
1900 .. .. .	9	8,023	10	3,042	19	11,065
Totals:—						
1896 .. .. .	30	10,472	19	10,276	49	20,748
1897 .. .. .	27	9,544	14	9,756	41	19,300
1898 .. .. .	30	16,167	13	3,360	43	19,517
1899 .. .. .	22	8,386	16	3,319	38	11,705
1900 .. .. .	13	8,598	19	7,118	32	15,711

\* Including disputes settled by Federations of Trade Unions.



CONCILIATION AND ARBITRATION IN 1896-1900. xciii

XIII.—WORK OF PERMANENT CONCILIATION AND ARBITRATION BOARDS.

SUMMARY TABLE showing the work of PERMANENT CONCILIATION and ARBITRATION BOARDS for each of the years 1896-1900, classified by Trades.

Trade.	1896.	1897.	1898.	1899.	1900.
<b>Number of Boards known to have settled Cases.</b>					
<b>Trade Boards:—</b>					
Building .. .. .	3	3	3	7	11
Mining and Quarrying ..	10	6	7	7	13
Iron and Steel .. .. .	5	6	6	6	6
Engineering and Ship-building.	6	8	8	9	9
Other Metal Trades .. ..	7	5	4	7	7
Textile .. .. .	2	3	5	..	..
Boot and Shoe .. .. .	13	11	10	11	10
Other Trades .. .. .	3	4	4	3	6
District and General Boards ..	1	2	2	3	2
<b>Total .. .. .</b>	<b>50</b>	<b>48</b>	<b>49</b>	<b>53</b>	<b>64</b>
<b>Number of Cases considered by Boards.*</b>					
<b>Trade Boards:—</b>					
Building .. .. .	9	4	10	13	29
Mining and Quarrying ..	960	966	877	829	824
Iron and Steel .. .. .	48	47	65	45	29
Engineering and Ship-building.	53	82	57	98	116
Other Metal Trades .. ..	10	8	14	20	15
Textile .. .. .	12	18	31	..	..
Boot and Shoe .. .. .	380	314	186	175	147
Other Trades .. .. .	39	18	64	43	26
District and General Boards ..	5	8	7	9	4
<b>Total .. .. .</b>	<b>1,456</b>	<b>1,454</b>	<b>1,320</b>	<b>1,232</b>	<b>1,190</b>
<b>Number of Cases settled by Boards.*</b>					
<b>Trade Boards:—</b>					
Building .. .. .	9	3	7	9	23
Mining and Quarrying ..	413	415	433	367	283
Iron and Steel .. .. .	38	35	53	30	20
Engineering and Ship-building.	48	70	51	81	103
Other Metal Trades .. ..	9	7	12	17	14
Textile .. .. .	9	14	17	..	..
Boot and Shoe .. .. .	251	232	137	125	107
Other Trades .. .. .	36	16	59	42	25
District and General Boards ..	5	6	6	4	3
<b>Total .. .. .</b>	<b>818</b>	<b>798</b>	<b>775</b>	<b>675</b>	<b>578</b>

\* So far as reported.



***DETAILED STATEMENT OF LABOUR DISPUTES  
BEGINNING IN 1900.***

*[Disputes involving less than 10 workpeople, and those which lasted less than one day, have been omitted, except when the aggregate duration exceeded 100 working days.]*

2 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
ENGLAND AND WALES.				Building			
Northern Counties.							
33	Carlisle ...	4	Slaters and Tilers ...	17	...	1 Mar.	26 May
113	Hexham ...	6	Stonemasons ...	40	...	7 May	10 Sept.
68	Newcastle, Gateshead, and District.	17	Builders' Labourers and Bricklayers.	202	90	30 Apr.	23 Feb.*
142	Newcastle, Gateshead, and District.	—	Bricklayers ...	303	...	2 June	23 Feb.*
209	Northumber- land, Durham, and Cleveland.	—	Bricklayers, and La- bourers, Masons, &c.	800	300	26 Nov.	23 Feb.*
172	Stockton - on - Tees.	10	Plumbers ...	33	...	7 Sept.	19 Nov.
63 & 120	Stockton and Thornaby.	25	Bricklayers and La- bourers.	176	...	17 Apr.	7 June
182	Sunderland ...	1	Slaters ...	11	...	13 Aug.	25 Aug.
190	Sunderland ...	1	Plasterers, and La- bourers.	50	40	29 Oct.	30 Oct.
105	Whitehaven ...	9	Painters ...	30	...	30 Apr.	14 May
87	Workington ...	8	Carpenters and Joiners and other work- people.	35	5	2 Apr.	25 May
Yorkshire.							
7	Barnsley ...	3	Slaters, Tilers, and Labourers.	9	5	1 Jan.	10 Mar.
12 & 24	Bradford and Shipley.	98	Plumbers ...	161	...	19 Feb.	24 Mar.
30	Bridlington ...	28	Carpenters and Joiners	100	...	2 Apr.	3 Apr.*
65	Doncaster ...	1	Carpenters and Joiners	44	...	25 Apr.	5 May
153	Doncaster ...	20	Painters ...	87	...	2 July	10 July
109	Halifax ...	4	Builders' Labourers, Excavators, and other workpeople.	40	6	3 May	8 May
31	Harrogate ...	30	Carpenters and Joiners	164	...	2 Apr.	12 Apr.
5	Leeds ...	1	Slaters and Slaters' Labourers.	11	...	9 Jan.	13 Jan.
155	Leeds ...	1	Bricklayers and La- bourers.	40	20	7 July	16 July
176	Leeds ...	1	Stonemasons ...	12	...	12 Sept.	—

\* 1901.

I.—BUILDING TRADES.

3.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades.</b>	
For advance in wages from 8 <i>d.</i> to 9½ <i>d.</i> per hour, and adoption of new code of working rules.	Advance of ½ <i>d.</i> per hour granted; existing working rules to remain in operation.
For advance in wages from 9 <i>d.</i> to 10 <i>d.</i> per hour, and other alterations in working rules.	Work resumed on employers' terms.
For advance in wages from 6 <i>d.</i> to 7 <i>d.</i> per hour, and a code of working rules.	Advance granted of ½ <i>d.</i> per hour, with code of working rules. <i>See also p. xxv.</i>
For advance in wages from 10 <i>d.</i> to 11 <i>d.</i> per hour	Dispute referred to Arbitrator appointed by the Board of Trade, who decided that wages should remain as before. For further particulars, <i>see p. xxv.</i>
General lock-out to enforce settlement of above mentioned strike (No. 142).	
For advance in wages from 8½ <i>d.</i> to 9½ <i>d.</i> per hour.	Immediate advance of ½ <i>d.</i> per hour; further advance of ½ <i>d.</i> per hour to be made after six months.
Bricklayers demanded advance in wages from 9 <i>d.</i> to 10 <i>d.</i> per hour; labourers struck in sympathy.	Advance granted.
Alleged infringement of apprentice rule ... ..	Apprentice rule upheld.
Objection to work with a man who refused to pay a fine imposed on him by the Trade Union.	Man paid the fine.
For advance in wages from 7 <i>d.</i> to 7½ <i>d.</i> per hour ...	Advance granted.
For advance in wages from 7 <i>d.</i> to 8 <i>d.</i> per hour, and new code of working rules.	Advance of ½ <i>d.</i> per hour granted; working rules mutually arranged.
For rescission of working rules as to piecework and non-unionists, and for adoption of new rule as to apprentices.	The two rules in question rescinded; proposed new rule withdrawn.
For advance in wages from 8 <i>d.</i> to 9 <i>d.</i> per hour, and other alterations in working rules.	Advance granted, and new code of rules mutually arranged.
For advance in wages from 7½ <i>d.</i> to 8½ <i>d.</i> per hour, and other alterations in working rules.	Work resumed on old conditions.
Against employment of other men on certain work, and for dismissal of foreman.	Causes of complaint removed.
For a code of rules and an advance in wages from 6½ <i>d.</i> to 7 <i>d.</i> per hour.	Demands granted.
For advance in wages from 6 <i>d.</i> to 6½ <i>d.</i> per hour.	Work resumed on old terms.
For advance in wages from 8½ <i>d.</i> to 9 <i>d.</i> per hour.	Advance granted.
Refusal to work with a labourer who, while in arrears with his subscriptions to one trade union, had left it to join another.	The man in question undertook to pay the arrears of subscriptions.
Against employment of non-unionists ... ..	Employer agreed not to employ non-unionists.
Against importation of worked stone from alleged lower-paid localities.	Men found work elsewhere; shop closed to union men.

#### 4 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works	Occupation [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	Yorkshire—continued.					Building	
183	Leeds ... ..	1	Bricklayers ... ..	89	...	2 Oct.	16 Oct.
75	Pudsey ... ..	7	Carpenters and Joiners	16	...	1 May	16 May
156	Sheffield ... ..	1	Stonemasons ... ..	13	...	9 July	—
78	Wakefield ... ..	6	Painters ... ..	130	...	1 May	2 May
138	Wakefield ... ..	31	Builders' Labourers and <i>Bricklayers</i> .	130	70	16 June	7 July
157	York ... ..	3	Slaters and Tilers ...	20	...	2 July	23 July
	Lancashire and Cheshire.						
154	Alderley Edge and Wilmslow	—	Bricklayers ... ..	25	...	1 June	26 June
215	Alderley Edge..	1	Builders' Labourers and <i>Narries</i> .	15	15	7 Aug.	11 Aug.
137	Barrow-in-Fur- ness.	6	Plasterers ... ..	20	...	1 June	23 June
171	Barrow-in-Fur- ness.	12	Bricklayers, Stone- masons, and La- bourers.*	81	80	7 Sept.	13 Sept.
43	Blackpool ... ..	60	Painters ... ..	200	...	7 Apr.	Mar.†
208	Blackpool and St. Anne's.	30	Carpenters and Joiners	208	...	8 Dec.	—
180	Bolton ... ..	1	Stonemasons ... ..	41	...	18 Sept.	10 Dec.
51	Burnley ... ..	3	Bricklayers ... ..	16	...	26 Feb.	30 Apr.
91	Clitheroe ... ..	6	Carpenters and Joiners	25	...	5 May	21 May
213	Darwen ... ..	11	Builders' Labourers...	35	...	18 Aug.	—
122	Earlestown ... ..	4	Carpenters and Joiners	14	...	2 May	5 June
41	Haslingden ... ..	4	Builders' Labourers & <i>other Workpeople</i> .	30	20	2 Apr.	17 Apr.
27	Liverpool ... ..	1	Painters ... ..	12	...	19 Feb. 23 Feb.	12 Apr.
22	Liverpool ... ..	30	Carpenters and Joiners*	150	...	7 Apr.	12 Apr.
106	Macclesfield ... ..	1	Bricklayers' Labourers and <i>Bricklayers</i> .	30	12	28 Apr.	5 May
214	Manchester ... ..	7	Slaters and Labourers.	17	...	8 Jan.	—
127	Manchester ... ..	1	Plasterers' Labourers	35	...	21 May	26 May
15	Middlewich ... ..	1	Builders' Labourers...	17	...	24 Feb.	28 Feb.
10	Morecambe ... ..	6	Plumbers ... ..	52	...	1 Jan.	14 Apr.

\* Demarcation dispute between two classes of workpeople.

† 1901.

I.—BUILDING TRADES.

5

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades—continued.</b>	
Dispute as to provision of accommodation for meals, increase in wages, on account of distance from work, and other matters.	Demands granted.
For advance in wages from 7d. to 8d. per hour, and new code of working rules.	Advance granted and rules agreed to.
Alleged infringement of union working rules ...	Men replaced by non-unionists.
For advance in wages from 7d. to 7½d. per hour, and code of working rules.	Advance granted and rules agreed to.
For recognition of minimum rate of wages of 6d. per hour, and a code of working rules.	Minimum rate of 6d. per hour agreed to, but proposed working rules not adopted.
For advance in wages from 8½d. to 9½d. per hour, and other alterations in working rules.	Advance granted to 9½d. per hour in country, and 9d. in town; other alterations in rules agreed to.
For advance in wages from 8½d. to 9½d. per hour	Advance of ½d. per hour granted.
For advance in wages of ½d. per hour.	Advance of ½d. per hour granted, to take effect from 1st January, 1901.
For advance in wages from 8½d. to 9½d. per hour, and adoption of new apprentice rule.	Advance of ½d. per hour granted; apprentice rule not enforced.
Demarcation dispute between bricklayers and stonemasons, followed by general lock-out by employers to bring about a settlement.	Work in dispute awarded to bricklayers by an arbitrator.
For advance in wages of ½d. per hour ... ..	Work obtained with non-associated employers at advanced rate.
Against proposed reduction in wages of 1d. per hour.	No settlement reported.
Against introduction of piecework ... ..	Piece work accepted.
For payment of the rate of wages current in the district.	Men obtained work elsewhere; ultimately, however, employers agreed to pay the current rate.
For advance in wages from 7½d. to 8½d. per hour.	Advance of ½d. per hour granted.
Dispute as to wages and non-union labour.	Work resumed on old conditions.
For advance in wages from 8½d. to 9½d. per hour, and reduction in working hours.	Advance of ½d. per hour granted; hours not reduced.
For advance in wages from 5½d. to 6d. per hour.	Advance granted.
To enforce payment of travelling expenses in accordance with working rules.	Employer agreed to conform to rules.
Strike against one employer, followed by lock-out by other employers on account of joiners claiming exclusive right to lay block flooring.	Joiners agreed to suspend their claims until November, 1901, the date for giving notice of alterations of rules.
For advance in wages from 4½d. to 5½d. per hour.	Advance of ½d. per hour granted.
Refused to work with non-unionists.	Men replaced by non-unionists.
Against employment of non-unionists, and alleged violation of working rules.	Settlement effected in men's favour.
For advance in wages from 4½d. to 5d. per hour ...	Work resumed at old rate.
For advance in wages from 8d. to 9d. per hour, reduction in winter hours, and other alterations in working rules.	Wages advanced to 8½d. per hour; winter hours reduced; other proposed alterations not agreed to.

## 6 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Dis- pute No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
Lancashire and Cheshire— <i>continued</i> .				Building			
123	Nantwich ...	3	Bricklayers and La- bourers.	30	30	1 May	11 May
69	New Mills, Stockport.	6	Stonemasons—Wallers and Banker Hands.	31	...	1 May	June
200	Bochdale ...	21	Plumbers ...	50	...	28 Nov.	—
73	Rossendale ...	21	Plumbers ...	28	...	1 May	19 May
152	St. Helens ...	11	Carpenters and Joiners	45	...	16 July	16 Jan.*
174	Southport ...	20	Painters ...	30	...	27 Aug.	—
212	Southport ...	1	Plasterers ...	6	...	1 Dec.	29 Jan.*
115	Warrington ...	18	Carpenters and Joiners and Plasterers.	140	...	1 June	4 Aug.
31	Wigan ...	20	Bricklayers' Labourers and Bricklayers.	120	150	1 May	8 May
North and West Midland Counties.							
189	Bakewell ...	1	Masons ...	14	...	2 Nov.	19 Nov.
192	Birmingham ...	1	Joiners† ...	48	...	2 Nov.	6 Nov.
169	Bristol ...	1	Builders' Labourers...	20	...	4 July	7 July
160	Bristol ...	1	Painters ...	15	...	9 July	14 July
149	Buxton ...	11	Masons ...	68	...	14 May	19 May
94	Cheltenham ...	18	Builders' Labourers, <i>Bricklayers, and</i> <i>Plasterers.</i>	200	50	12 May	23 June
36	Coalville ...	12	Carpenters and Joiners	45	...	2 Apr.	6 Apr.
64	Dudley ...	9	Carpenters and Joiners	46	...	26 Apr.	28 Apr.
29	Leicester ...	1	Plumbers and La- bourers.†	14	...	31 Mar.	28 Apr.
74	Lincoln ...	30	Builders' Labourers and <i>Bricklayers.</i>	150	20	1 May	21 July
102	Malvern ...	18	Builders' Labourers and <i>Bricklayers,</i> <i>Carpenters, Plum-</i> <i>bers, and Painters.</i>	125	30	1 May	9 Mar.*
117	Newark ...	10	Carpenters and Joiners	40	...	1 June	June
203	Nottingham ...	1	Painters ...	16	...	6 Nov.	8 Nov.
135	Pershore ...	7	Carpenters and Joiners	20	...	1 June	14 June

\* 1901.

† Demarcation dispute between two classes of workpeople.



*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades—continued.</b>	
For advance in wages from 6½d. to 7½d. per hour.	Advance granted.
For advance in wages from 8d. to 9½d. per hour, and code of working rules.	Men found work elsewhere.
Refusal to work with a non-unionist ... ..	No settlement reported.
For advance in wages from 8d. to 9d. per hour ...	Advance of ½d. per hour granted, on condition that men work with non-unionists.
Refusal to fix joinery made under alleged non-union conditions.	Work resumed pending further negotiation.
Lock-out by master painters to compel eight men to cease working for private individuals.	Lock-out withdrawn; the eight men obtained work elsewhere.
Against employment of an extra apprentice, in violation of terms of agreement between national associations of master builders and plasterers.	Agreement to be adhered to.
For advances in wages, and other alterations in working rules.	Modified advances granted, and working rules mutually arranged.
For advance in wages from 6½d. to 7d. per hour	Advance granted for winter, but not for summer months.
Against employment of labourers as wallers ...	Cause of complaint removed.
Against employment of cabinet-makers on work alleged to belong to joiners.	Amicable settlement arrived at.
For reinstatement of discharged fellow workman	Man reinstated.
For advance in wages from 8d. to 8½d. per hour as generally granted in district.	Advance granted.
For advance in wages to 9½d. per hour ... ..	Advance granted.
For advance in wages from 5d. to 6d. per hour ...	Work resumed, and question referred to arbitrator (who fixed the rate of wages at 5d. per hour).
For advance in wages from 7½d. to 8½d. per hour, and other alterations in working rules.	Advance of ½d. per hour granted; working rules mutually arranged.
For advance in wages from 8d. to 8½d. per hour, and other alterations in working rules.	Demands granted, the advance to date from 1st July.
Demarcation of work between plumbers and heating-apparatus engineers in reference to hot-water domestic services.	Work resumed, subject to certain conditions.
For advance in wages from 5d. to 6d. per hour ...	Work resumed on employers' terms.
For advance in wages from 5d. to 6d. per hour ...	Work resumed on old conditions.
For advance in wages from 7½d. to 8d. per hour, without reduction in winter hours.	Advance granted, winter hours to remain as before.
To obtain employers' signature to local rules ...	Employers signed the rules.
For advance in wages from 6d. to 7d. per hour ...	Advance of ½d. per hour granted; question of further advance of ½d. per hour to be reconsidered before June, 1901.

8 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
North and West Midland Counties— <i>continued.</i>						Building	
70	Potteries and Newcastle.	70	Bricklayers, <i>Labourers, and Carpenters and Joiners.</i>	500	600	1 May	28 May
140	Rugby... ..	15	Stonemasons ... ..	11	...	1 June	13 June
4	Sleaford (near)	1	Bricklayers and <i>Labourers.</i>	55	27	22 Jan.	29 Jan.
34	Tamworth ...	5	Bricklayers ... ..	57	...	2 Apr.	9 Apr.
58 & 59	Tamworth ...	4	Painters ... ..	37	...	2 Apr.	21 Apr.
187	Tamworth ...	4	Builders' Labourers...	64	...	8 Oct.	17 Oct.
71	Wellington (Salop)	5	Bricklayers ... ..	18	...	1 May	17 May
South Midland and Eastern Counties.							
110	Beccles ...	4	Bricklayers' Labourers	30	...	21 May	22 May
111	Bury St. Edmunds.	1	Builders' Labourers and <i>Bricklayers.</i>	24	4	7 May	12 May
38	Colchester ...	10	Bricklayers ... ..	80	...	2 Apr.	4 Apr.
108	Cromer ...	1	Plasterers and <i>Labourers.*</i>	20	12	14 May	19 May
61	Felixstowe and Walton.	4	Painters ... ..	30	...	9 Apr.	9 Apr.
144	Ipswich ...	27	Bricklayers and <i>Labourers.</i>	168	100	9 July	18 Aug.
95	Leighton Buzzard.	9	Bricklayers and <i>Labourers.</i>	23	12	7 May	—
193	Lowestoft ...	1	Bricklayers and <i>Labourers.</i>	49	20	24 July	20 Oct.
167	Lowestoft (near)	1	Bricklayers* ... ..	6	...	24 Aug.	27 Sept.
170	Newmarket ...	1	Bricklayers and Labourers.	56	...	23 July	Aug.
205	Newmarket ...	1	Bricklayers and Labourers.	48	...	7 Nov.	12 Nov.
119	Norwich ...	40	Bricklayers and <i>Labourers.</i>	300	200	1 June	15 June†

\* Demarcation dispute between two classes of workpeople.

† 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades—continued.</b>	
For advance in wages from $8\frac{1}{2}d.$ to $9d.$ per hour ...	Advance of $\frac{1}{2}d.$ per hour granted. <i>See also p. xxvi.</i>
For advance in wages from $8d.$ to $8\frac{1}{2}d.$ per hour, and alteration of working rules.	Advance granted and rules altered.
For payment for time spent in travelling to work	Work resumed on old terms.
For advance in wages from $8d.$ to $9d.$ per hour ...	Advance of $\frac{1}{2}d.$ per hour granted, to take effect in November.
For advance in wages from $7d.$ to $7\frac{1}{2}d.$ per hour...	Work resumed pending arbitration (which resulted in favour of employers).
For advance in wages from $5\frac{1}{2}d.$ to $6d.$ per hour ...	Advance of $\frac{1}{2}d.$ per hour granted.
For advance in wages from $7\frac{1}{2}d.$ to $8\frac{1}{2}d.$ per hour, and new code of working rules.	Advance of $\frac{1}{2}d.$ per hour granted; rules agreed to.
For advance in wages from $3\frac{1}{2}d.$ to $3\frac{1}{2}d.$ per hour	Work resumed generally on old terms.
For advance in wages from $4\frac{1}{2}d.$ to $5d.$ per hour ...	Advance granted.
For advance in wages to a standard rate of $7\frac{1}{2}d.$ per hour, and other alterations in working rules.	Advance granted, men to resume work forthwith; other claims to be con- sidered before 24th June. (A code of rules to come into operation from 23rd June was afterwards agreed upon.)
Objection by plasterers to bricklayers laying concrete floors.	Employer undertook not to employ bricklayers on the work in future.
For immediate advance in wages of $\frac{1}{2}d.$ per hour ( $6d.$ to $6\frac{1}{2}d.$ ), and a further advance of $\frac{1}{2}d.$ per hour in 12 months' time.	Demands granted.
For amended code of working rules ... ..	Modified code of rules agreed to.
For advance in wages from $7d.$ to $8d.$ per hour, and other alterations in working rules.	Men replaced.
Men withdrawn from job of Norwich builders in sympathy with Norwich dispute.	Men decided to resume work uncondi- tionally.
Against employment of plasterers to lay cement floors.	Work in question finished by plas- terers; agreement arrived at as to demarcation of future work.
For advance in wages of $\frac{1}{2}d.$ per hour ... ..	Men found work elsewhere; places filled up by other men at old rates.
For advance in wages of $\frac{1}{2}d.$ per hour.	Bricklayers replaced; most of the labourers resumed work at old wages.
For advance in wages from $7\frac{1}{2}d.$ to $8\frac{1}{2}d.$ per hour, reduction in hours from 56 to 52½ hours per week, and other alterations in working rules.	Advance of $\frac{1}{2}d.$ per hour from 1st January 1902 granted; other altera- tions in working rules mutually arranged. <i>See also p. xxvi.</i>

10 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
						Building	
	London.						
9	London, W.C.	1	Bricklayers and other <i>workpeople.*</i>	27	20	17 Jan.	24 Jan.
47	London, E.C....	1	Bricklayers, <i>Tilers,</i> and <i>Labourers.*</i>	16	18	14 Feb.	29 Mar.
164.	London, W. ...	1	Plumbers and Plum- bers' Mates.*	10	...	15 Feb.	24 Feb.
19	London ...	—	Plasterers ... ..	750	...	5 Mar.	16 Mar.
46	London, W. ...	1	Bricklayers and <i>Labourers.*</i>	11	6	6 Mar.	20 Mar.
23	London ...	1	Bricklayers, Labourers, &c.	300	...	16 Mar.	17 Mar.
89	London, S.W....	1	Bricklayers* ... ..	47	...	6 Apr.	—
148	London, W.C....	1	Bricklayers* ... ..	50	...	21 June	31 July
145	London, E. ...	1	Bricklayers* ... ..	10	...	29 June	13 Oct.
173	London ...	1	Plasterers and Plas- terers' Labourers.	30	...	20 Aug.	—
186	London ...	1	Bricklayers* ... ..	14	...	6 Sept.	10 Sept.
185	London ...	1	Bricklayers and <i>La- bourers.*</i>	50	50	15 Sept.	—
184	London, E. ...	1	Bricklayers* ... ..	11	...	18 Sept.	—
151	West Ham ...	1	Carpenters and Joiners, <i>Bricklayers and</i> <i>Labourers.</i>	30	70	16 July	18 July
190	Wimbledon ...	1	Bricklayers and <i>La- bourers.*</i>	8	7	9 May	24 May
	South-Eastern Counties.						
125	Bournemouth	13	Builders' Labourers <i>Bricklayers, Masons,</i> &c.	250	32	21 May	5 June
1	Chichester ...	1	Builders' Labourers...	100	...	1 Jan.	—
62	Dover ... ..	—	Carpenters and Joiners	50	...	9 Apr.	—
198	Portsmouth ...	1	Bricklayers and <i>Labourers.</i>	189	...	27 Nov.	28 Nov.
207	Reading ...	1	Bricklayers and <i>La- bourers.</i>	17	10	5 Nov.	7 Nov.
146	Tunbridge Wells	7	Bricklayers and <i>La- bourers.</i>	18	25	5 June	18 Aug.
124	Woking ...	6	Labourers and <i>Brick- layers.</i>	58	20	2 May	12 May

\* Demarcation dispute between two classes of workpeople.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades—continued.</b>	
Against plasterers doing work alleged to belong to bricklayers.	Bricklayers to do the work in future.
Objection of bricklayers to tilers doing wall-tiling.	Tiling postponed until brickwork was completed.
Claim by plumbers to fix certain work ... ..	Men replaced.
For adoption of new code of rules, involving advance in wages and other alterations.	Amended code of rules mutually agreed to ( <i>see</i> p. 102.)
Objection to tiling being done by other than bricklayers.	Work given to members of bricklayers' union.
Objection to conduct of a foreman ... ..	Work resumed unconditionally.
Against certain work being done by tilers ...	Disputed work done by tilers; bricklayers' places filled by non-unionists.
Objection to masons performing work alleged to belong to bricklayers.	Work to be done by bricklayers.
Against tilers being employed on work alleged to be bricklayers'.	Agreement arrived at as to demarcation of work.
Objection to work with non-union plasterers ...	Men replaced, finding work elsewhere
Against tilers being employed on work claimed to be bricklayers'.	Tilers to complete the job, but bricklayers to have preference for such work in future.
Against other than bricklayers being employed on roof tiling and pointing brickwork.	Men's places filled up by non-unionists.
Objection to pointers and tilers doing work claimed to be bricklayers'.	Men found work elsewhere, and were replaced.
Against employment of a non-unionist ... ..	Man in question left firm's employment.
Objection to other than bricklayers doing roof-tiling.	Employers agreed that bricklayers should do the tiling on job in question.
For advance in wages from 5 <i>d.</i> to 5½ <i>d.</i> per hour ...	Work resumed on old terms.
For immediate advance in wages from 4½ <i>d.</i> to 5 <i>d.</i> per hour.	Men replaced.
For advance in wages from 8 <i>d.</i> to 8½ <i>d.</i> per hour, and reduction in hours from 56½ to 55½ per week.	Places of strikers filled by other workpeople.
Dispute as to the issue of time checks, and demand for dismissal of time-keeper.	Work resumed on employers' terms.
Objection to employment of a certain man.	Man in question left the works.
For advance in wages from 8½ <i>d.</i> to 9 <i>d.</i> per hour ...	Work resumed at 9 <i>d.</i> per hour.
For advance in wages from 5 <i>d.</i> to 6 <i>d.</i> per hour ...	Work resumed on old conditions.

12 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation... [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
	Somerset.					Building	
32 & 159	Taunton ...	25	Bricklayers, Masons, and Carpenters and Joiners, <i>Painters and Labourers.</i>	250	60	2 Apr.	14 July
	Wales and Monmouth.						
77	Barry ...	—	Carpenters and Joiners	76	...	1 May	—
133	Chepstow ...	8	Carpenters and Joiners	10	...	2 Apr.	23 Apr.
114	Llandudno ...	3	Stonemasons ...	35	...	1 May	23 June
116	Pontypool ...	6	Carpenters and Joiners	28	...	1 May	12 May
	SCOTLAND.						
14 & 18	Aberdeen ...	—	Carpenters and Joiners	650	...	1 Mar.	25 Apr.
20	Airdrie and Coatbridge.	8	Carpenters and Joiners	110	...	5 Mar.	24 Apr.
37	Arbroath ...	4	Carpenters and Joiners	20	...	2 Apr.	1 May
86	Ayr ...	12	Carpenters and Joiners	120	...	2 Apr.	19 May
136	Ayr ...	11	Slaters ...	48	...	1 May	15 June
28	Barrhead ...	3	Carpenters and Joiners	13	...	14 Mar.	Apr.
45 & 56	Beith and Kilbirnie.	6	<i>Masons and Labourers</i>	40	10	16 Apr.	23 Apr.
11	Dundee and Loches.	15	Stonemasons ...	420	...	17 Feb.	14 Apr.
79	Dundee ...	6	Slaters ...	30	...	1 May	9 June
143	Dundee ...	1	Stonemasons ...	20	...	3 July	17 Aug.
161	Dundee ...	1	Carpenters and Joiners	27	...	11 July	—
162	Dundee ...	21	Carpenters and Joiners	237	...	8 Aug.	5 Sept.
39	Dunfermline...	6	Painters ...	30	...	2 Apr.	28 Apr.
101	Dunfermline...	8	Stonemasons ...	60	...	15 May	19 June

*infer to the Workpeople indirectly affected.]*

Cause or Object	Result
<b>Trades—continued.</b>	
For advance in wages from 6 <i>d.</i> to 7 <i>d.</i> per hour ...	Immediate advance of $\frac{1}{4}$ <i>d.</i> per hour granted, with further advance of $\frac{1}{4}$ <i>d.</i> per hour on 1st June, 1901. <i>See also</i> p. xxvii.
Against proposed revised code of rules, including reduction in winter hours without advance in rate of wages per hour.	Men found work elsewhere, and society opened the shops at which advanced rate could be obtained.
For advance in wages from 7 <i>d.</i> to 8 <i>d.</i> per hour ...	Advance of $\frac{1}{4}$ <i>d.</i> per hour granted.
For a code of rules and standard rate of wages of 9 <i>d.</i> per hour.	Code of rules and standard rate of 8 $\frac{1}{2}$ <i>d.</i> per hour agreed to.
For advance in wages from 7 <i>d.</i> to 8 <i>d.</i> per hour ...	Advance of $\frac{1}{4}$ <i>d.</i> per hour granted.
Against proposed reduction in wages from 8 $\frac{1}{2}$ <i>d.</i> to 8 <i>d.</i> per hour, and other alterations in working rules.	Wages question referred to arbitration, resulting in favour of employers; rules amicably arranged. <i>See also</i> p. xxv.
Against proposed reduction in wages from 9 <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> per hour.	Proposal withdrawn; work resumed at old wages under 12 months' agreement.
Against proposed reduction in wages from 8 <i>d.</i> to 7 $\frac{1}{2}$ <i>d.</i> per hour.	Proposal withdrawn.
Against proposed reduction in wages from 9 <i>d.</i> to 8 <i>d.</i> per hour.	Proposal withdrawn.
For advance in wages from 8 $\frac{1}{2}$ <i>d.</i> to 9 <i>d.</i> per hour ...	Advance granted.
Against proposed reduction in wages from 9 $\frac{1}{2}$ <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> per hour.	Places of strikers filled by other men at reduced rates.
Against proposed reduction in wages from 9 <i>d.</i> to 8 <i>d.</i> per hour.	Reduction of $\frac{1}{4}$ <i>d.</i> an hour agreed upon until 1st July only, unless Glasgow rate meanwhile reduced. (On 1st July wages were restored to 9 <i>d.</i> , no reduction having taken place in Glasgow.)
Against proposed reduction in wages of $\frac{1}{4}$ <i>d.</i> per hour. (Builders, 9 $\frac{1}{2}$ <i>d.</i> to 9 <i>d.</i> ; Hewers, 9 <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> )	Reduction agreed to from 15th May. <i>See also</i> p. xxv.
Against proposed reduction in wages from 9 <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> per hour.	Work resumed on employers' terms.
To compel employer's son, who was working at the trade, to re-join the trade union.	Employer's son agreed to re-join the trade union.
To compel non-unionists to join the union.	Places of strikers filled by non-unionists.
Against proposed reduction in wages from 9 <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> per hour.	Proposal withdrawn.
For advance in wages from 8 <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> per hour, and other alterations in working rules.	Advance granted; other proposals waived.
Against proposed reductions in wages of $\frac{1}{4}$ <i>d.</i> per hour. (Builders, 9 $\frac{1}{2}$ <i>d.</i> to 9 <i>d.</i> ; Hewers, 9 <i>d.</i> to 8 $\frac{1}{2}$ <i>d.</i> )	Proposal withdrawn.

## 14 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- See No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	SCOTLAND—continued.					Building	
44	Edinburgh ...	—	Carpenters and Joiners	800	...	16 Apr.	18 Apr.
129	Edinburgh and Leith.	83	Stonemasons and <i>La- bourers</i> .	2,200	350	7 June	22 Sept.
118 & 139	Falkirk ...	12	Masons and Brick- layers.	320	...	1 June	3 July
97	Glasgow ...	1	Plumbers ...	15	...	15 Jan.	5 Feb.
55	Glasgow ...	150	Carpenters and Joiners	700	...	17 Apr.	18 Apr.
166	Greenock ...	1	Joiners ...	15	...	13 Aug.	30 Aug.
16	Inverness ...	11	Painters ...	25	...	1 Mar.	22 Mar.
25	Motherwell and District.	5	Carpenters and Joiners	100	...	19 Mar.	29 Mar.
72	Paisley ...	24	Plumbers ...	60	...	1 May	23 Aug.
17	Perth ...	1	Painters ...	42	...	5 Mar.	19 Mar.
84	Perth ...	8	Painters ...	87	...	4 May	29 Aug.
121	Peterhead ...	3	Stonemasons and <i>Granite-cutters</i> .	15	...	4 June	8 Sept.
40	Stirling ...	7	Slaters ...	19	...	2 Apr.	21 May
	IRELAND.						
76	Belfast ...	70	Carpenters and Joiners <i>and other workpeople</i> .	650	300	1 May	16 Apr.*
197	Cork ...	1	Plumbers ...	9	...	12 Nov.	1 Dec.
199	Dublin ...	50	Plumbers ...	260	...	23 Nov.	1 Feb.*
	ISLE OF MAN.						
168	Douglas ...	1	Plasterers and <i>La- bourers</i> .	23	9	8 July	—

\* 1901.



*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades—continued.</b>	
Against employers' proposed alteration in date for expiry of working rules.	Proposal withdrawn.
Against proposed reduction in wages from 9½d. to 9d. per hour.	Work resumed on employer's terms. <i>See also p. xxv.</i>
Against proposed reduction in wages of 1d. per hour, and alteration in date for expiry of yearly agreement.	Proposals withdrawn.
For payment of walking time ... ..	Job stopped through failure of builder; strikers obtained employment elsewhere.
Against proposed reduction in wages from 10d. to 9d. per hour, and other alterations in working rules.	Proposals withdrawn.
Refusal of employer to allow machines in shops to be worked by joiners only.	Machines worked by joiners only.
Against proposed reduction in wages from 7½d. to 7d. per hour, and for alteration in date for expiry of working rules.	Proposed reduction withdrawn; an alteration in date mutually agreed to.
Against proposed reduction in wages from 9d. to 8½d. per hour.	Work resumed on employers' terms.
For advance in wages from 9d. to 9½d. per hour ...	Advance of ½d. per hour granted, to take effect on 1st January, 1901.
For payment of Perth men at the same rate per hour as Glasgow men employed on the job.	Work resumed, pending award of arbitrator (who decided in favour of employers).
For adoption of a code of working rules ... ..	Work resumed on the understanding that conference of employers and workpeople should be held in December to arrange working rules for ensuing year.
Against proposed reduction in wages from 7½d. to 7d. per hour.	Work resumed on employers' terms.
For advance in wages of ½d. per hour, and a code of working rules.	Code of rules agreed to, involving no alteration in wages.
Against employment of labourers on work claimed by carpenters, for advance in wages (8½d. to 9d. per hour), reduction in hours from 54 to 52½ per week, and other alterations.	Work resumed under terms arranged by arbitrator. <i>See also p. xxvii.</i>
Against employer's interpretation of rule respecting outworking allowance.	Employer waived his view under protest.
For advance in wages of 1d. per hour and against other alterations in working rules.	Work resumed at old rates, and new code of rules agreed to.
Refusal to work with non-unionists ... ..	Work finished by non-unionists.

## 16 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
ENGLAND AND WALES.							
Northumberland.							
54	Acklington ...	1	Putters, <i>Hewers, Mechanics, Deputies, Labourers, &amp;c.</i>	13	188	17 May	17 May
55	Morpeth ...	1	Putters and other workpeople.	44	549	3 Apr.	3 Apr.
7	Newcastle ...	1	Putters and other workpeople.	35	817	4 Jan.	9 Jan.
Durham.							
20	Sunderland ...	...	Coal Miners, <i>Cokemen, Enginemen, and Mechanics.</i>	1,500	200	29 Jan.	31 Jan.
85	Sunderland (near).	1	Putters and other workpeople.	23	155	19 July	21 July
190	Willington ...	1	Coal Hewers and other workpeople.	238	193	14 Nov	15 Nov.
Cumberland.							
112	Maryport ...	1	Miners ...	65	260	20 Aug.	20 Aug.
5	Whitehaven (near).	1	Hewers, <i>Surface Workers, and Underground Shifters.</i>	160	125	9 Jan.	29 Jan.
153	Whitehaven ...	1	Hewers and Datal Hands, <i>Scooners, Wagoners, Shippers, Trimmers, Blacksmiths and Joiners.</i>	500	120	24 Sept.	25 Sept.
Yorkshire.							
22	Barnsley ...	1	Cokemen ...	25	...	29 Jan.	31 Jan.
60	Barnsley ...	1	Miners and Boys ...	1,050	...	12 June	13 June
81	Barnsley ...	1	Pony Drivers and other colliery workpeople	41	530	28 June	30 June
115	Barnsley ...	1	Miners ...	783	...	29 Aug.	30 Aug.
144	Barnsley ...	1	Hewers and Labourers, and other Colliery Workpeople.	215	50	11 Oct.	1 June*
139	Castleford ...	1	Miners, <i>Surface Workers, Boys, &amp;c.</i>	300	300	8 Oct.	10 Oct.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Mining.</b>	
For advance in wages... ..	Work resumed on old terms.
Alleged insufficient height and width of "roads."	Settlement arrived at under which putters paid 5s. each for unnecessarily laying the pit idle.
For advance in wages on certain work ... ..	Work resumed pending further negotiations, which resulted in a settlement of the points at issue.
For supply of house coals to certain men, withdrawal of certain notices of dismissal, and compensation for working bad places.	Demands granted.
Dissatisfaction with wages earned ... ..	Work resumed on old terms, strikers agreeing to pay damages for leaving work without notice.
Dispute as to filling "dirty" coal, &c. ... ..	Men returned to work on employers' terms.
Dispute as to scale of fines for "dirt" ... ..	Amicable settlement effected.
For advance of 4d. per ton in standard hewing price.	Advance granted of 2½d. per ton.
For reinstatement of a suspended driver ... ..	Driver reinstated.
For advance in wages of 25 per cent. ... ..	Advance of about 16 per cent. granted.
Refusal to work, owing to prosecution of some of their number for breach of working rules.	Work resumed after case had been decided in police court.
For advances in wages to those over 18 years of age	Advance of 6d. per day to be granted on reaching 19 years of age, and a further 4d. per day on reaching 20 years.
Against employment of a certain man ... ..	Man dismissed.
For advances in prices for getting coal ... ..	Modified advances granted.
Objection to employment of new workmen in a new seam.	Firm promised to employ some of the old workpeople in new seam.

## 18 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
Yorkshire—continued.				Coal Mining			
39	Dewsbury (near).	1	Hurriers and other workpeople.	6	64	3 Apr.	7 Apr.
189	Dewsbury ...	1	Hurriers and other workpeople.	44	140	29 Nov.	5 Dec.
8	Featherstone...	1	Underground Workers and Surface Workers.	1,200	200	26 Jan.	27 Jan.
91	Pontefract ...	1	Miners, Screeners, &c.	260	20	26 July	1 Sept.
99	Pontefract ...	1	Pony Drivers, Hewers, Surface-men, &c.	130	950	10 Aug.	17 Aug.
101	Todmorden ...	1	Miners ...	35	...	19 July	25 July
6	Wakefield (near).	1	Miners ...	200	...	18 Jan.	27 Jan.
38	Wakefield ...	1	Hewers, Daymen, Surface-men, and Boys	380	254	19 Apr.	28 Sept.
135	Wakefield (near).	1	Miners, Daymen, and Boys.	260	50	4 Oct.	20 Oct.
165	West Yorkshire.	5	Enginemmen, firemen, and other colliery workpeople.	104	2,000	8 Nov.	14 Nov.
Lancashire.							
146	Bolton (near)	1	Miners and Drawers	50	...	20 Oct.	20 Oct.
160	Bolton... ..	1	Miners ...	200	20	1 Nov.	7 Nov.
102	Burnley ...	1	Miners ...	775	623	20 Aug.	23 Aug.
167	Burnley ...	1	Hewers, Drawers, and other colliery workpeople.	263	102	16 Nov.	12 Mar.*
147	Skelmersdale...	1	Miners, Drawers, &c.	213	...	24 Oct.	20 Nov.
193	Wigan (near)	1	Hewers and Drawers	19	...	5 Dec.	13 Dec.
Derbyshire.							
195	Derby (near) ...	1	Hewers and other workpeople.	453		27 Nov.	4 Dec.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<i>—continued.</i>	
Against change in piecework prices caused by starting a new engine plane.	Work resumed on employers' terms.
Objection to length of hours in afternoon shift ...	Work resumed on old conditions.
Misunderstanding as to alleged insulting language used by colliery official during interview with men.	Amicable settlement arrived at.
To uphold payment of a special rate, pending arrangement of price list.	Existing arrangement maintained.
For advance in wages and reduction in hours ...	Work resumed on old terms. <i>See also</i> p. xxx.
For reinstatement of two discharged fellow-workmen.	Fellow-workmen not reinstated; men summoned and fined for leaving work without notice.
Dispute as to system of payment ... ..	Agreement arrived at satisfactory to the parties.
For advance in wages of 4d. per ton ... ..	Modified advance granted.
For advance in prices for getting coal in a difficult seam.	Modified advances granted.
Demand for an eight-hour day ... ..	Work resumed without any reduction in hours, but wages advanced in some cases.
Against proposed change from day to piecework	Some of the men resumed work on employers' terms; remainder found work elsewhere.
Dispute as to prices for coal-getting ... ..	Re-arrangement of prices mutually agreed upon.
To compel non-unionists to join the trade union...	Work resumed, most of the men having joined the union.
For an assured wage of 7s. per day for coal-getters in difficult places, and a revised price list for drawers.	Work resumed on previous terms.
For extra allowance for long-distance drawing ...	Men to be paid 1d. per ton over 200 and under 300 yards, with 1d. for each additional 50 yards.
Against notice to discontinue payment of special allowance when working in difficult places.	Work resumed on employers' terms.
For advance in price of 1d. per ton for working with lamps.	Advance granted of ½d. per ton. <i>See also</i> p. xxxi.

# 20 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
Nottingham.						Coal Mining	
111	Nottingham (near)	1	Fitters, Joiners, Smiths, and Bricklayers.	95	...	27 Aug.	27 Aug.
148	Nottingham and Hucknall Torkard. (Leen Valley.)	4	Pit Lads <i>and other colliery workpeople.</i>	286	1,130	23 Oct.	29 Oct.
157				80	480	31 Oct.	2 Nov.
162				70	903	5 Nov.	8 Nov.
170				90	465	19 Nov.	20 Nov.
Leicester.							
156	Ashby-de-la- Zouch.	1	Banksmen, <i>Coal Hewers,</i> <i>and other under- ground workers.</i>	35	165	13 Oct.	13 Oct.
Staffordshire.							
113	Blackheath ...	1	Miners ... ..	200	...	27 Aug.	27 Aug.
169	Cannock Chase	8	Engine Winders, Stokers, &c., <i>and other colliery work- people.</i>	270	5,000	19 Nov.	27 Nov.
83	Tamworth ...	1	Miners ... ..	200	40	13 July	25 July
Gloucester.							
166	Cinderford ...	1	Miners ... ..	230	12	29 Oct.	29 Oct.
158	Lydney ...	1	Miners ... ..	81	46	15 Oct.	20 Oct.
North Wales.							
128	Buckley ...	1	Miners ... ..	20	...	17 Sept.	22 Sept.
69	Mostyn ...	1	Miners ... ..	407	...	18 June	19 June
25	Ruabon ...	1	Miners ... ..	450	...	26 Mar.	7 Apr.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result
<i>—continued.</i>	
For extra payment for overtime ... ..	Extra payment for overtime granted.
<div style="display: inline-block; vertical-align: middle; width: 10px; height: 10px; border-left: 1px solid black; border-right: 1px solid black; margin-right: 5px;"></div> Alleged grievance with regard to the method by which the general advance of 5 per cent. was applied to the wages of certain lads.	Each lad to receive an advance of 5 per cent. on his earnings. <i>See also</i> p. xxxi.
For advance of 5 per cent. as generally granted in district.	Demand granted.
To compel non-unionists to join the trade union...	Men returned to work unconditionally.
Demand for an eight-hour day ... ..	Winders' hours reduced to 10 per day, and advances in wages granted. <i>See also</i> pp. xxxi. and 104.
Against compulsory use of safety lamps ... ..	Amicable settlement effected.
To compel 12 non-unionists to join the trade union.	Non-unionists joined the union.
Dispute as to prices to be fixed for getting coal ...	Compromise effected,
Refusal to accept terms offered on change from day to piece work.	Work resumed on old system.
For advance in wages to pony-drivers, for reduction in price of house-coal to surfacemen, and to compel non-unionists to join the union.	Modified advance granted to pony-drivers; price of house-coal reduced; non-unionists joined the union.
For removal of certain grievances as to wages, &c.	Settlement effected satisfactory to the parties.

## 22 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work-people affected		Date of Dispute.	
				Direct-ly.	Indi-rectly.	Begin-ning.	End.
South Wales and Monmouth.						Coal Mining	
184	Aberavon ...	1	Hewers ... ..	30	...	1 Dec.	—
2	Abercarn ...	1	Banksmen, <i>Hewers, &amp;c.</i>	600	...	1 Jan.	1 Jan.
10	{ Aberdare }	1	Miners ... ..	1,000	...	1 Feb.	1 Feb.
92		1	Mechanics ... ..	10	...	30 July	18 Aug.
123	Abertillery ...	1	Miners ... ..	1,800	...	17 Sept.	17 Sept.
126	Ammanford ...	1	Miners ... ..	295	...	25 Aug.	29 Aug.
44	Blaengarw, Glam.	1	Tipplers and Surface-men.	43	...	1 May	1 May
28	Burry Port, Carmarthen	1	Miners ... ..	35	...	13 Mar.	14 Mar.
95	Clydach ...	1	Miners ... ..	63	...	6 July	2 Aug.
107	Cwmbach ...	1	Miners, Hauliers, Repairers, &c.	300	...	20 Aug.	5 Sept.
73	Dowlais ...	1	Hewers ... ..	189	...	2 July	31 July
143	Dowlais ...	1	Miners ... ..	72	...	1 Aug.	18 Aug.
159	Ebbw Vale ...	1	Miners and Surface-men.	1,200	...	30 Oct.	31 Oct.
176	Gowerton ...	1	Hewers, Trammers, Hitchers, Bankers, and other colliery workpeople.	95	4	5 Nov.	12 Nov.
13	Llanbradach ...	1	Hewers, &c., and Surface Workers.	350	50	5 Feb.	16 Feb.
1	Llancaiach ...	1	Hewers, Hauliers and Tipplers.	52	...	1 Jan.	2 Jan.
141	Llangennech...	1	Miners, Trammers, Hauliers, &c.	213	...	1 Oct.	17 Oct.
181	Llangennech...	1	Miners ... ..	130	...	5 Nov.	—
18	Llanhilleth ...	1	Miners ... ..	1,174	...	27 Feb.	28 Feb.
185	Llanmorlais ...	1	Miners ... ..	48	43	3 Nov.	10 Nov.
203	Machen ...	1	Hewers ... ..	10	...	10 Dec.	5 Jan.*
51	Maesteg ...	1	Miners and other work-people.	25	3	2 Apr.	22 May
117	Maesteg ...	1	Miners, Hauliers, and Labourers.	28	7	20 Aug.	30 Aug.
192	Maesycwmmmer	1	Hewers ... ..	31	...	2 Nov.	10 Nov.
40	Nantymoel, Glam.	1	Miners ... ..	800	...	23 Apr.	28 Apr.
75	Neath ... ..	1	Miners ... ..	320	...	28 June	3 July

\* 1901.



*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<i>—continued.</i>	
Against introduction of price list in lieu of day wages.	Work resumed on old conditions pending the fixing of a price list.
Three banksmen demanded advance in wages, other workpeople refused to descend pit under substitutes.	Agreement arrived at satisfactory to the parties.
Dispute as to use of certain explosives ... ..	Amicable settlement effected.
For advance in wages of 4d. per day ... ..	Advance of 2d. per day granted.
Against employment of non-unionists ... ..	Non-unionists joined the trade union or left the firm's employment.
Refusal to work with non-unionists ... ..	Non-unionists joined the South Wales Miners' Federation.
For advance in wages of 1d. per day ... ..	Advance granted.
For advance in wages of about 10 per cent. ... ..	Work resumed pending further negotiations, which resulted in the advance being granted.
For reinstatement of certain tippers discharged without notice on account of alleged irregularities.	Tippers reinstated.
Against proposed reduction in cutting price in a certain seam.	Amicable settlement arrived at.
For advance in cutting prices ... ..	Work resumed pending reference to arbitrators who awarded modified advances.
Dispute as to certain allowances ... ..	Work resumed pending arbitration.
For change in system of working, and provision of shelter in wet weather for surfacemen.	Amicable settlement arrived at as to system of working; shelter to be provided for surfacemen.
For advance of 2½d. per ton in cutting price ... ..	Advance granted.
Against change in system of working ... ..	Settlement arrived at satisfactory to the men.
Dispute as to payment for certain work ... ..	Satisfactory scale of payment arranged.
To obtain a new price list ... ..	Price list arranged, stated to be equal to an advance of about 10 per cent. in earnings.
Dispute as to fixing of a price list ... ..	No settlement reported.
For discontinuance of custom of unloading rubbish in stalls.	Work resumed pending further negotiations, which do not appear to have resulted in any alteration being made.
To maintain agreement previously arrived at ... ..	Agreement to be upheld.
Dispute as to prices to be paid for certain work...	Work resumed on day wages.
Against proposed price list for working a certain seam of coal.	Modified price list agreed to.
For adoption of a price list in four-foot seam ... ..	Price list mutually agreed to.
Insufficient ventilation in a certain portion of the mine.	Settlement arrived at satisfactory to the parties.
Refusal to work with non-members of South Wales Miners' Federation.	Men in question joined the Federation.
For advance in wages in consequence of introduction of safety lamps.	Interim advance granted to hewers; advance of 7½ per cent. finally granted in September.

24 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1899.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
	South Wales and Monmouth— <i>continued.</i>					Coal Mining	
76	Neath ... ..	2	Miners and Daymen...	454	179	2 July	11 Aug.
119	Neath (near)...	1	Underground and Surface Workers.	534	...	1 Sept.	5 Sept.
183	Neath ... ..	1	Miners ... ..	16	...	19 Nov.	—
62	New Tredegar	1	Tipplers and other colliery workpeople.	11	1,311	11 June	14 June
74	Ogmore Valley	1	Miners ... ..	100	...	20 June	21 June
88	Penrhiwceiber	1	Miners ... ..	1,230	90	1 Aug.	6 Aug.
4	Pontardawe ...	1	Hewers and Daymen	392	...	15 Jan.	15 Jan.
182	Pontardawe ...	1	Hewers ... ..	15	...	Nov.	Nov.
45	Pontypridd ...	1	Miners ... ..	118	...	1 May	17 July
77	Pontypridd (near)	1	Hauliers and other colliery workpeople.	250	2,200	16 July	18 July
161	Porth ... ..	1	Miners ... ..	1,493	...	1 Nov.	1 Nov.
106	Port Talbot ...	1	Hewers, Repairers, Hauliers, Tipplers, and other workpeople.	90	5	1 Aug.	21 Nov.
134	Rhondda Valley	1	Miners and Daymen...	6,000	...	1 Oct.	4 Oct.
138		1	Miners ... ..	2,000	...	1 Nov.	5 Nov.
90	Rhymney ...	1	Day wagemen and other workpeople.	600	830	1 Aug.	28 Aug.
35	Risca ... ..	1	Miners ... ..	40	...	2 Apr.	9 Apr.
58	Risca ... ..	1	Hauliers, Enginemen, and other workpeople	30	1,100	2 Apr.	3 Apr.
47	Risca (near) ...	1	Miners ... ..	18	...	7 May	10 May
61	Risca ... ..	1	Hewers, Underground Daymen, Night Workmen, Surface-men, &c.	750	300	14 June	16 June
56	South Wales (Western District and Mountain Ash)	8	Enginemen, Stokers, Outside Fitters, and other colliery workpeople.	200	5,000	1 June	5 June
31	Swansea (near)	1	Hauliers and other colliery workpeople.	40	200	2 Apr.	3 Apr.
34	Tondu (Glam.)	1	Hewers ... ..	15	...	2 Apr.	6 Nov.
3	Treherbert ...	1	Hauliers, Hewers, and Daymen.	4	64	1 Jan.	13 Jan.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<i>—continued.</i>	
For advance in rate of wages ... ..	Demand granted at two pits; an advance of 10 per cent. made at the third.
Refusal to work with non-unionists ... ..	Non-unionists joined the trade union.
Against reduction of 7d. per day in standard rates	Work resumed at old rates.
For advance in wages... ..	Bonus on output granted. <i>See also</i> p. xxx.
Against dismissal of a fellow-workman ... ..	Man reinstated.
Refusal to work with non-unionists ... ..	Non-unionists joined the South Wales Miners' Federation.
For adoption of revised price list, involving advance in wages.	Work resumed pending further negotiations, which resulted in an advance of about 12½ per cent. being granted.
For payment at district rates ... ..	Men replaced.
For advance in yardage rates, stated to be equal to 38½ per cent.	Advance granted stated to be equal to 30 per cent.
In consequence of imprisonment of a haulier for non-compliance with a judgment summons obtained by firm.	Work resumed after man's release from prison.
Refusal to work with non-unionists ... ..	Non-unionists joined the South Wales Miners' Federation.
For advance of 2d. per ton for carting coal and for a new list of prices.	Work resumed, pending settlement. Revised list subsequently agreed to.
Refusal to work with non-unionists ... ..	Non-unionists joined the South Wales Miners' Federation.
Refusal to work with non-unionists ... ..	Non-unionists joined the South Wales Miners' Federation.
For advance in standard rates of wages ... ..	Advance granted. <i>See also</i> p. xxxi.
To secure a price list for working a certain seam of coal.	Price list agreed upon.
For advance in rate of wages to hauliers, and reduction in hours to enginemen.	Amicable settlement effected by compromise.
Dispute as to cutting price in a certain seam ...	A price list agreed upon.
For reinstatement of two men discharged for having absented themselves from work.	One man reinstated.
For advance in wages... ..	Work resumed, pending inquiry by joint committee of employers' and enginemen's representatives which resulted in certain advances in wages and reductions in hours being agreed to. <i>See also</i> p. xxxii.
For advance in wages... ..	Work resumed pending reference to arbitrators appointed by Sliding Scale Joint Committee, who awarded an advance of ½d. per ton.
Men disputed the identity of a certain seam ...	Work resumed, dispute being referred to Sliding Scale Committee (who overruled men's contention).
For provision of a boy helper ... ..	Boy helper provided.

## 26 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Workmen	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
South Wales and Monmouth— <i>continued</i> .				Coal Mining			
131	Treorky ...	1	Miners ... ..	900	...	1 Oct.	1 Oct.
132	Ynysybwl ...	1	Miners and Hauliers	94	28	26 Sept.	10 Oct.
70	Ystalyfera, Glam.	1	Miners and Boys ...	89	...	9 June	15 June
EAST OF SCOTLAND.							
87	Armadale ...	1	Miners ... ..	20	...	18 July	26 July
178	Armadale ...	1	Hewers and Drawers	30	...	28 Nov.	1 Dec.
201	Armadale ..	1	Miners ... ..	85	...	17 Dec.	15 Jan.*
108	Bathgate ...	1	Miners, <i>Pitheadman and Trimmer.</i>	35	2	24 Aug.	24 Aug.
137	Bathgate ...	1	Miners ... ..	120	...	22 Sept.	24 Sept.
202	Benhar ...	1	Miners ... ..	50	...	17 Dec.	22 Dec.
24	Bo'ness ...	1	Hewers and other workpeople.	300	50	15 Mar.	29 Mar.
57	Dalkeith (near)	1	Miners, <i>Enginemen, &amp;c.</i>	250	25	31 May	2 June
152	Musselburgh (near)	1	Miners ... ..	185	...	25 Oct.	27 Oct.
136	West Calder ...	1	Miners, <i>Surface and other labourers.</i>	190	30	28 Sept.	29 Sept.
WEST OF SCOTLAND.							
86	Ayr (near) ...	1	Miners ... ..	63	...	12 July	1 Oct.
23	Bannockburn	1	Miners ... ..	200	...	6 Mar.	10 Mar.
149	Blantyre ...	1	Miners ... ..	550	...	17 Oct.	19 Oct.
172	Blantyre ...	1	Miners ... ..	550	...	14 Nov.	—
9	Denny (near)	1	Miners ... ..	200	...	1 Jan.	11 Jan.
80	Denny (near)	1	Miners and <i>Oncost Workers.</i>	205	76	10 July	11 July
118	Galston ...	1	Miners ... ..	126	...	27 Aug.	14 Sept.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
—continued.	
To compel non-unionists to join the South Wales Miners' Federation. For reinstatement of a fellow-workman discharged for filling alleged "dirty" coal. For new price list, 6 days' pay to nightmen for 5 worked, and reduction in price of house coal to employees.	Non-unionists joined the Federation. Amicable settlement effected. Questions in dispute referred to arbitrators, who granted men's demands.
Against proposed reduction in price of 3d. per ton on account of shortened drawing road. Against notice to pick out a rib of inferior coal, hitherto sent up as coal. Against certain men being allowed to work while others were idle.	Reduction of 2d. per ton agreed to. Advance of 1d. per ton conceded on account of change. Work resumed on previous conditions, future matters of dispute to be referred to Conciliation Board. New tare amicably arranged.
Dispute as to taring of hutches by pitheadman ... Against notice of dismissal for filling excessive "dirt." Because one or two of their number had not had their roads brushed.	Notice withdrawn. Work resumed on understanding that cause of complaint would be removed.
Dispute as to tare of hutches, "dirt" scale, and other matters.	Work resumed on old conditions; further negotiations, however, resulted in certain demands being granted.
Dispute as to weighing of coal ... ..	Arrangement effected satisfactory to the parties.
Introduction of a "Billy Fairplay" for checking the quantity of dross found in hand-filled coal. Against the fining of a certain man for alleged excessive "dirt" in coal.	Amicable settlement arrived at. Work resumed on old conditions.
Against employment of non-unionists ... ..	Work resumed unconditionally.
Dispute as to charges for house coal and house rent, day for fortnightly pays, and other matters. Against proposed alteration in conditions of working for brushers, involving an alleged reduction in earnings.	Amicable settlement effected by compromise. Work resumed on old conditions.
Dispute as to payment to be made for double shifting stooping places.	Men returned to work on old terms; double shifting subsequently discontinued.
Against partial reduction in hewing price of 2d. per ton.	Reduction of 1d. per ton agreed to.
Dispute as to penalties for sending up an excessive quantity of dross in coal.	Work resumed, and scale of fines afterwards arranged.
For advance in prices of 2½d. per ton ... ..	Work resumed on employers' terms. —

## 28 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	WEST OF SCOTLAND— <i>continued</i> .					Coal Mining	
82	Hamilton ...	1	Miners ... ..	600	90	23 July	25 Aug.
68	Lanark (near)	1	Hewers ... ..	30	...	18 June	23 June
122	Uddingston ...	1	Miners ... ..	430	50	17 Sept.	24 Sept.
98	West Craigs ...	1	Miners ... ..	150	...	31 July	2 Aug.
65	Wishaw ...	1	Miners ... ..	39	22	12 June	15 June
	IRELAND.						
26	{ Carrick-on-Shannon (near)	1	Hewers, &c., and <i>Carters, &amp;c.</i>	40	23	8 Mar.	15 June
27		1	Miners ... ..	21	...	8 Mar.	22 Mar.
	ENGLAND AND WALES.					Other	
163	Cleator ...	1	Iron Ore Miners, La- bourers, <i>Shiftmen</i> and <i>Weighmen</i> .	84	10	29 Oct.	3 Nov.
71	Cleator Moor...	1	Iron Ore Miners, La- bourers, Colliers, and Deputies, <i>Bank- ers and Surface</i> <i>Labourers</i> .	259	28	25 June	7 Sept.
50	Dalton-in-Fur- ness.	1	Iron Ore Miners ...	375	...	21 May	13 July
196	Stoke-on-Trent	1	Wagoners, Drivers, Jiggers, Takers-off, and <i>other work- people</i> . ( <i>Ironstone</i> <i>Mining</i> ).	119	237	10 Dec.	13 Dec.
150	Wrexham (near)	1	Labourers ( <i>Lead</i> <i>Mines</i> ).	56	...	1 Oct.	22 Oct.
	SCOTLAND.						
116	Uphall... ..	1	Shale Miners, <i>Retort- men and Labourers</i> .	120	80	29 Aug.	—
121	West Calder ...	1	Shale Miners and <i>Sur- face Workers</i> .	100	10	30 Aug.	1 Sept.
	IRELAND.						
204	Carrickfergus	1	Salt Miners and Workers.	31	...	30 Nov.	—

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<i>—continued.</i>	
Against employment of non-unionists ... ..	Work resumed, non-unionists having joined the union.
For special advance in hewing rates in a certain section.	Advance of $3\frac{1}{2}$ d. per ton granted.
Dispute as to charges for house rent and fire coal	Amicable adjustment of charges arranged.
For reinstatement of a discharged fireman, and for partial advance in wages to firemen.	Fireman obtained work at another colliery ; no change in wages made.
For advance in wages... ..	An advance granted.
For advance in wages... ..	Work resumed on employers' terms ; advance subsequently granted voluntarily.
For advance in wages of 4s. per week ... ..	Advance of 3s. per week granted.
<b>Mining.</b>	
Refusal to work with non-unionists ... ..	Non-unionists joined the union.
Dispute as to dismissal of certain labourers and other matters.	Amicable settlement arrived at.
For advance in wages, re-arrangement of working hours, and recognition of trade union secretary.	Contract bargains let so as to average about 6s. 4d. to 6s. 6d. per day, and hours reduced. A deputation of six men to be appointed to discuss any future questions as to wages, &c.
For advance in wages... ..	Work resumed on old terms.
For advance in wages of 3d. per day ... ..	Advance of 1d. per day granted.
To enforce payment of the general advance in wages.	Works closed.
Dispute as to "dirt" scale ... ..	Amicable settlement arrived at.
Refusal by two men to work on Saturday afternoon without extra pay.	Men replaced.

30 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	ENGLAND AND WALES.					Quarrying.	
173	Bethesda ...	1	Quarrymen ...	2,500	...	22 Nov.	—
199	Cockermouth (near).	1	Limestone Quarrymen	19	...	10 Dec.	10 Dec.
46	Leicester (near)	1	Blockers (Quarrymen) <i>and Settlers.</i>	75	64	24 Apr.	28 Apr.
84	Rowsley and District.	9	Quarrymen, Labourers, <i>&amp;c., and Masons.</i>	258	100	2 Aug.	1 Sept.
32	Weardale ...	1	Whinstone Quarry- men, Barers, Day- men, <i>&amp;c., and Car- ters.</i>	49	8	1 Mar.	7 Mar.
	SCOTLAND.						
96	Dundee ...	2	Dressers, Quarriers, Mechanics, <i>La- bourers, Cranemen and Firemen.</i>	101	36	9 Aug.	15 Aug.



*refer to the Workpeople indirectly affected.]*

Cause or Object	Result
<b>Quarrying.</b>	
Dispute arising out of men's objection to the contract system.	No settlement reported. For further particulars <i>see</i> p. xxx.
Against proposed reduction in wages of 5 per cent.	Proposal temporarily withdrawn.
For advance in certain piece rates of wages ...	Work resumed on old terms.
Objection to a code of working rules posted by employers, and for advance in wages of 1d. per hour.	Working rules withdrawn; men resumed work on old conditions.
For advance in wages of 10 per cent. ... ..	Advance of 5 per cent. granted.
Against proposed reduction in wages of ½d. per hour.	Work resumed at old rates of wages.

22 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
	ENGLAND AND WALES.					Pig Iron and Iron	
46	Askam ...	1	Blastfurnacemen ...	120	...	20 Oct.	—
1	Blaenavon ...	1	Blastfurnacemen and <i>Bessemer Steel Workers.</i>	200	400	4 Jan.	4 Jan.
44	Blaenavon ...	1	Blastfurnacemen, &c., <i>Millmen, Steelworkers, and Labourers.</i>	275	325	9 Sept.	14 June*
16	Ebbw Vale ...	1	Boiler Firemen, <i>Steel and Iron Workers &amp;c.</i>	70	1,700	7 May	12 May
55	Tondu ...	1	Artizans, Cokers, Labourers, and Plate-layers.	176	...	13 Aug.	25 Aug.
54	Tredegar ...	1	Enginemen, Stokers, Latchers, and <i>Blast-furnacemen.</i>	30	108	14 Nov.	15 Nov.
30	Wellington, Salop.	1	Labourers (Iron and Steel Works).	40	...	23 July	25 July
35	West Bromwich	1	Sheet Mill Workers...	30	...	16 Apr.	5 May
	SCOTLAND.						
31	Ayr (near) ...	1	Furnace Fillers and <i>other workpeople.</i>	122	44	25 June	27 June
13	Coatbridge ...	1	Puddlers and <i>other Iron and Steel Workers.</i>	108	72	14 Mar.	17 Mar.
27	Coatbridge ...	1	Heaters and <i>other Ironworkers and Labourers.</i>	2	310	3 July	7 July
	ENGLAND AND WALES.						
	Northern Counties.					Engineering and	
93	Blyth ...	1	Platers' Helpers and <i>Platers and Marker Lads.</i>	81	32	15 Dec.	17 Dec.
67	Howdon - on - Tyne.	1	Platers, <i>Platers' Helpers, Marker and Machine Boys, &amp;c.</i>	37	100	26 Sept.	27 Sept.
29	Newcastle - on - Tyne.	1	Engineers' Labourers	20	30	11 May	17 May
34	Shields and Blyth.	12	Chippers and Painters	237	300	24 May	5 July
42	Sunderland ...	1	Platers' Helpers (dispute between <i>Platers and Helpers</i> ).	97	...	19 June	5 July

\* 1901.

† Demarcation dispute between two classes of workpeople.

### III.—METAL, ETC., TRADES—PIG IRON ; IRON & STEEL ; ENGINEERING, ETC.33

*refer to the Workpeople indirectly affected.]*

Cause or Object	Result
<b>and Steel Manufacture.</b>	
Against proposed reduction in wages of 10 per cent.	No settlement reported.
For reinstatement of a workman alleged to have been victimised.	Discharged man reinstated.
For advance in wages of 15 per cent. ... ..	Mutual concessions made, and terms of compromise arranged. <i>See also</i> p. xxxvi.
For advance in wages ... ..	Advance granted.
To obtain same percentage changes in rates of wages as the workpeople included under the South Wales Miners' Sliding Scale.	Minor concessions made in standard wages, but workpeople not included under sliding scale.
Notice of dismissal given to one man for refusal to work with a driver alleged to have been promoted out of his turn.	Amicable settlement effected.
For advance in wages of 5s. per week ... ..	Some of the men returned to work at old wages ; others were replaced.
Alleged refusal to comply with local working customs.	Some of the men returned to work on old conditions ; others were replaced.
For reinstatement of suspended fellow-workmen	Work resumed unconditionally.
Alleged bad quality of fuel ... ..	Better quality of fuel supplied.
Attempt by heaters to enforce a minimum tonnage rate.	Some allowance made to four heaters for difficult work.
<b>Shipbuilding.</b>	
Refusal of employers to continue system of paying "subs" before regular pay-day.	Work resumed unconditionally.
Demarcation of work dispute between platers and blacksmiths.	Work resumed pending negotiations which resulted in a compromise being effected.
Dispute as to payment of outworking allowance on new work.	Outworking allowance to be continued.
For advance in wages from 27s. to 33s. per week ...	Advance of 1s. per week granted.
For payment for time lost owing to absence of platers.	Work resumed on promise that grievance should be enquired into.

## 34 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	Northern Counties—continued.					Engineering and	
74	Sunderland ...	1	Drillers ...	30	...	29 Sept.	5 Oct.
23	Wallsend ...	1	Ship-repairers ...	443	84	25 Apr.	3 May
90	West Hartle- pool.	1	Platers, Rivetters, Caulkers, Cutters, Holders-up, and Helpers.	470	...	10 Dec.	7 Jan.*
	Yorkshire.						
78	Bradford ...	1	Engineers ...	54	...	26 Oct.	—
13	Dewsbury ...	1	Engineers ...	12	...	27 Mar.	2 Apr.
8	Halifax ...	1	Welded-boiler Makers and Labourers.	90	100	23 Feb.	17 Mar.
55	Huddersfield ...	1	Ironfounders...	25	...	15 Aug.	— Oct.
70	Huddersfield...	1	Ironfounders...	7	...	24 Aug.	29 Sept.
15	Hull ...	1	Platers' Helpers and Platers.	30	6	8 Mar.	24 Mar.
11	Keighley ...	6	Foundry Labourers, Fettlers, Ironfoun- ders, &c.	150	50	12 Mar.	— Mar.
12	Leeds ...	19	Patternmakers, Iron- founders, and La- bourers.	100	50	23 Mar.	19 July
22	Sheffield ...	1	Foundry Labourers...	60	...	27 Apr.	3 May
71	Stanningley ...	1	Planers and Labourers	10	...	5 Oct.	5 Oct.
	Lancashire and Cheshire.						
9	Barrow-in-Fur- ness.	1	Engineers' Labourers	154	...	7 Mar.	19 Mar.
26	Barrow-in-Fur- ness.	1	Smiths' Strikers ...	45	...	12 Apr.	15 Jan.*
68	Barrow-in-Fur- ness.	1	Smiths' Strikers ...	110	...	8 Oct.	15 Jan.*
86	Birkenhead ...	1	Ship Joiners ...	75	2	3 Dec.	—
99	Bolton ...	10	Textile Mill Mechanics.	35	...	5 July	19 Nov.
65	Heywood ...	1	Ironmoulders ...	29	...	22 Sept.	28 Sept.
77	Liverpool ...	1	Shipwrights ...	13	...	8 Sept.	—
33	Manchester ...	1	Foundry Labourers ...	22	...	23 Mar.	30 Mar.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Shipbuilding—continued.</b>	
Against alleged objectionable foreman ... .. For dismissal of a yard official alleged to have unnecessarily interfered with the men. To compel certain members of trade union to pay fines for breach of apprentice rules.	Assistant foreman (a driller) appointed. Official in question instructed not to interfere. Men paid the fines. <i>See also</i> p. xxxvi.
For reinstatement of discharged fellow-workmen Objection to the discharge of a fellow-workman	Places of strikers filled by other workpeople. Discharged man not reinstated ; some men resumed work on employers' terms ; others were replaced.
For advance in piece-work price for one kind of boiler. Refusal to work with a non-unionist ... ..	Advance granted on men agreeing to certain working rules. Some of the workpeople returned to work on old conditions ; places of others filled by non-unionists.
Refusal to do work sent from shop on strike ... Against proposed reduction in number of helpers employed on certain work.	Work resumed on employers' terms. Understanding arrived at that no reduction would be made without due notice.
For advance in wages of 2s. per week ... .. For advance in wages from 37s. to 39s. per week...	Advance of 2s. to labourers and 1s. to fettlers granted in most cases. Work resumed on old terms.
For advance in wages of 2s. per week ... .. Dissatisfaction with new working conditions ...	Some of the men resumed work on old terms ; others were replaced. All but two of the men replaced.
For advance in wages from 18s. to 21s. per week... For alteration in system of payment from hourly rate to poundage. For alteration in system of payment from hourly rate to poundage. Dispute as to alteration in working rules... ..	Advance of 1s. per week granted to some of the men. Work resumed at hourly rate. Work resumed at hourly rate. Men replaced.
For adoption of minimum rate of wages of 36s. per week. Against certain work being given to a plate-moulder. For advance in wages... ..	Minimum rate of 36s. per week agreed to. Places filled by other workpeople. Men's places filled up.
For advance in wages from 18s. to 20s. per week...	Work resumed on old terms.

## 36 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	Lancashire and Cheshire—continued.					Engineering and	
49	Manchester Dis- trict.	30	Core-makers ...	155	...	27 June	2 July
75	Manchester ...	1	Ironfounders ...	10	...	1 Oct.	—
54	Oldham ...	3	Irondressers and Core- makers.	28	...	9 Aug.	— Oct.
103	Preston ...	1	Plate and Machine Moulders.	24	...	25 May	—
	North and West Midland Counties.						
41	Derby ...	1	Brassfinishers ...	19	...	21 June	25 June
80	Grimsby ...	1	Engineers ...	40	...	12 Nov.	22 Jan.*
43	Shrewsbury ...	1	Ironfounders and <i>La- bourners</i> .	12	4	20 June	11 Aug.
85	Wellington (near).	1	Fitters, Sheet-iron Workers, and La- bourners.	114	...	27 Nov.	29 Nov.
58	Wolverhampton	1	Brassdressers, Caster, <i>and Coremaker</i> .	9	1	6 Aug.	21 Aug.
82	Wolverhampton	1	Iron Turners (Appren- tices).	18	...	12 Nov.	— Nov.
	Norfolk.						
2	Great Yarmouth	4	Fitters, Turners, and Smiths.	24	...	27 Jan.	24 Mar.
	London.						
27	London, E. ...	9	Ship-painters ...	450	...	9 Apr.	—
	Kent.						
44	Rochester ...	1	Apprentices and lads in Engineering Works.	184	...	21 June	30 June

\* 1901.

III.—METAL, ETC., TRADES—ENGINEERING AND SHIPBUILDING. 37  
*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Shipbuilding—continued.</b>	
For advance in wages from 34s. to 36s. per week	Advance of 1s. per week granted.
Against the introduction of non-unionists ...	Men who came out obtained work elsewhere, and were replaced.
For advance in wages of 2s. per week ...	Some of the men reinstated on old conditions; the remainder replaced.
For advance in wages... ..	Men replaced.
For revision of piecework conditions, and increase in overtime rate.	Compromise effected.
Because of stoppage of 5s. from a man's wages for a lost tool.	The 5s. to be refunded to the workman without prejudice.
For change from piece to day work ...	Men replaced by non-unionists.
For reinstatement of fellow-workmen who had been discharged in connection with a dispute as to overtime.	Men reinstated.
For advance of 5 per cent. in bonus (15 to 20 per cent.), a reduction in mill "power" charges, and revision of piece prices.	Bonus advanced and other points conceded.
For advance in wages... ..	All except five returned to work under old conditions.
For advance in wages of 3s. per week (in most cases from 30s. to 33s.).	Immediate advance of 1s. 6d. per week granted, and a further advance of 6d. per week on 1st June to fitters and turners.
Refusal of members of one trade union to work with members of another.	Strikers obtained work elsewhere. <i>See also p. xxiv.</i>
Against employment on skilled work of a young man alleged to be a labourer, and discharge of lads who formed a deputation of complaint.	Work resumed on employer's terms.

[The Cause and Result Columns do not

Of- see No.	Locality.	No. of Works	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	Wales and Monmouth.					Engineering and	
88	Cardiff ...	—	Engineers, and <i>Ham- mermen.</i>	16	4	30 Nov.	8 Dec.
5	Chepstow ...	1	Strikers, Labourers, <i>Smiths and Platers,</i>	73	20	13 Feb.	17 Feb.
45	Chepstow ...	1	Engineers' Labourers and Machine Work- ers.	74	...	2 July	31 Aug.
38	Ebbw Vale ...	1	Fitters, Smiths, Pat- ternmakers, <i>Strik- ers and Labourers.</i>	86	19	4 June	11 June
50	Newport ...	7	Ironfounders... ..	45	...	14 July	21 July
53	Newport ...	1	Ship Joiners ... ..	91	...	10 Aug.	—
62	South Wales and Mon.	40	Smiths' Hammermen	250	...	3 Sept.	15 Oct.
	SCOTLAND.						
35	Aberdeen ...	1	Platers, Caulkers, Riveters, Drillers, <i>&amp;c., and Labourers and Boys.</i>	101	59	25 May	6 June
10	Annan ...	1	Boilermakers and <i>other Workpeople.</i>	30	20	13 Mar.	14 Mar.
6	The Clyde (upper reach).	—	Rivet-heaters, <i>Rivet- ters and Holders-on.</i> (Dispute between Riveters and Rivet- heaters).	600	1800	22 Feb.	7 Mar.
16 & 19	Dumbarton ...	1	Helpers, <i>Platers, Rivet- ters, Caulkers, Drill- ers, &amp;c.</i> (Dispute between Platers and Helpers).	40	173	2 Mar.	8 Mar.
47	Dumbarton ...	1	Fitters' Helpers, <i>Frame-turners,</i> <i>Shell and Jobbing Platers.</i>	79	16	21 June	25 June
60	Dundee ...	1	Riveters, Holders-on, and Boys.	76	...	30 Aug.	4 Sept.
17	Edinburgh ...	1	Armature-winders ...	21	...	13 Mar.	—
63	Falkirk ...	1	Ironmoulders ... ..	100	...	12 Sept.	24 Nov.
52	Glasgow ...	1	Foundry Labourers, &c.	300	...	26 July	2 Aug.
98	Glasgow ...	1	Cast-iron Pipe-turners	10	...	10 Dec.	17 Dec.
61	Grangemouth	1	Holders-on, <i>Riveters,</i> <i>and Rivet-heaters.</i>	14	42	3 Sept.	5 Sept.



*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Shipbuilding—continued.</b>	
Refusal to work with a non-unionist ... ..	Non-unionist withdrawn.
Refusal of employer to discharge a certain non-unionist before February 17th.	Man discharged on February 17th and work resumed.
For advance of 2s. per week on time rates and 15 to 20 per cent. on piece rates.	Men replaced by non-unionists.
For advance in wages ... ..	Work resumed unconditionally.
For advance in wages from 34s. to 36s. per week...	Advance of 1s. per week granted.
Men brought from other towns for urgent repair work demanded special terms of extra payment.	Work finished by local men.
For advance in wages from 27s. to 30s. per week...	Work resumed on old conditions. <i>See also p. xxxv.</i>
Against withdrawal of privilege of payment of wages before leaving-off time.	Satisfactory arrangement made as to method and time of payment.
For reinstatement of two workmen discharged for calling a meeting in shop during working hours.	Trade Union officials ordered strikers to resume work; one of the discharged men re-instated.
Against rivetters' proposal to change the system of payment of rivet-heaters from a weekly wage to share of squad earnings.	Work resumed on old conditions pending further negotiations, which resulted in proposal being withdrawn in cases where the rivet-heaters refused to agree to the change. <i>See also p. xxxiv.</i>
For payment to some of their number for time lost owing to absence of platers.	Platers paid helpers the amounts in dispute.
Alleged boycotting of a certain man by the firm...	Amicable settlement effected.
For advance of 2s. per 100 on $\frac{1}{4}$ -in. shell rivets ...	Advances granted of 2s. per 100 for two seams under tank, and of 1s. per 100 for two seams above tank.
Refusal of employers to sign a code of working rules.	Men's places filled up.
Dispute as to piece rates for certain work and on account of discharge of union delegate.	Work resumed pending further investigation of disputed prices; delegate returned to work with the other men.
Objection to proposed rules for the works ...	Settlement arrived at satisfactory to both parties.
Against proposed reduction in prices ... ..	Modified reduction agreed to.
For increase of 1s. per day in tank allowance when working inside shallow tank.	Increase of allowance granted.

40 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
SCOTLAND— <i>continued</i> .						Engineering and	
46	Greenock and Port Glasgow.	5	Platers' and Fitters' Helpers. (Dispute between Platers and Helpers.)	365	...	11 May	14 May
89	Greenock ...	1	Sailmakers* ...	24	...	4 Dec.	10 Dec.
51	Leith ...	1	Drillers ...	16	...	17 July	1 Aug.
59	Leith ...	1	Brassfounders ...	11	...	27 Aug.	—
83	Port Glasgow {	1	Engineers* ...	57	...	16 Nov.	17 Nov.
87		1	Ship Joiners ...	31	...	22 Nov.	29 Nov.
21	West of Scotland.	45	Iron and Steel Dressers, <i>Ironfounders and Labourers.</i>	760	300	16 Apr.	8 June
IRELAND.							
37	Belfast ...	2	Rivet Heaters. <i>Riveters and Holders-up.</i> (Dispute between Heaters and Riveters.)	120	130	5 June	15 June
64	Belfast ...	1	Irondressers, <i>Moulders, and Labourers.</i>	47	58	16 July	29 Sept.
28	Londonderry...	1	Shipwrights* ...	17	...	19 Feb.	27 Apr.
ENGLAND AND WALES.							
Gloucestershire.						Tinplate	
42	Lydney ...	1	Tinmen and other <i>Tinplate Workers.</i>	30	530	13 Aug.	14 Aug.
South Wales and Monmouth.							
5	Llanelly ...	1	Cold Roll Boys and other <i>Tinplate Workers.</i>	8	670	19 Jan.	23 Jan.
50	Llanelly ...	1	Engine drivers and <i>Tinplate Workers.</i>	6	230	8 Oct.	13 Oct.
3	Morriston ...	1	Tinplate Workers ...	300	...	3 Feb.	10 Feb.

\* Demarcation dispute between two classes of workpeople.

III.—METAL, ETC., TRADES—ENGINEERING ETC. ; TINPLATE MAKING. 41  
*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Shipbuilding—continued.</b>	
To enforce demand for discontinuance of retention of lying time by platers.	Amicable settlement arrived at.
Because certain work had been performed by joiners instead of sailmakers.	Work resumed unconditionally.
For advance in wages on certain repair work ...	Amicable arrangement as to future terms.
Refusal to do electrical work at same rates as ordinary work.	Places of strikers filled by non-unionists.
Dispute as to demarcation of work between engineers and ship smiths' finishers.	Amicable settlement effected.
Because of one man being superseded by another	Work resumed pending a conference, but the man complained of was allowed to remain at work.
Strike in districts around Glasgow against conditions attached by employers to advance in wages ; followed by lock-out in Glasgow district in support of other employers.	Advance granted on modified conditions. <i>See also</i> pp. xxxv. and 105.
Against proposal of rivetters to change system of payment of heaters' wages.	Proposed system of payment adopted.
For minimum wage of 23s. per week ...	Work resumed on old conditions.
Demarcation of work dispute between shipwrights and iron-caulkers.	Amicable settlement effected.
<b>Making.</b>	
For advance from 2d. to 3d. per box for tinning at the patent continuation pot.	Advance granted.
In sympathy with boy discharged for refusal to pay a fine for having carelessly caused damage to machinery.	Boys allowed to resume work on promising to join the men's trade union and to refrain from "down-tooling."
For advance in wages of 5s. per week ...	Advance of 2s. per week granted.
For reinstatement of certain workpeople and remedy of various alleged grievances as to wages, speed of machinery, &c.	Work resumed pending arbitration, which resulted in a settlement of the points at issue.

42 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Work-	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
South Wales and Monmouth—continued.						Tinplate	
9	Morryston ...	1	Girls in Tinhouse and other Tinplate Work- ers.	41	260	26 Feb.	10 Mar.
15	Morryston ...	1	Tinplate workers ...	12	...	6 Apr.	7 Apr.
22	Morryston ...	1	Tinhousemen and other workpeople.	12	48	30 May	—
26	Nantyglo ...	1	Millmen and Openers	55	...	16 June	—
18	Pontardulais...	1	Millmen ...	32	...	30 Apr.	12 May
57	Swansea ...	1	Bundlers, and other Tinplate workers.	12	440	31 Dec.	12 Jan.*
ENGLAND AND WALES.						Miscellaneous	
12	Birmingham ...	12	Farriers ...	29	...	17 Mar.	— Apr.
38	Birmingham ...	1	Bedstead Workmen, Cabinet Makers, Bed- stead Workers and Foundry Hands.	43	113	30 July	—
60	Blaydon-on- Tyne.	1	Chainmakers ...	16	...	24 Mar.	30 Apr.
11	Brierley Hill...	1	Chainmakers ...	70	...	26 Mar.	10 Apr.
56	Bristol ...	1	Tinplate Workers and other workpeople.	5	9	12 Nov.	—
45	Dudley ...	2	File-cutters ...	31	...	1 Oct.	13 Oct.
47	Dudley and Dis- trict.	5	Fender and Fire-iron Makers and other workpeople.	69	24	15 Oct.	23 Oct.
23	Landore ...	1	Chain Bench Drawers (Tube Trade) and Picklers, Oilers, Dryers, and An- nealers.	17	97	11 June	13 June
21	Oldbury ...	1	Edge Tool and Hoe Makers.	14	...	11 June	—
32	Selly Oak ...	1	Tube - drawers' As- sistants and Tube- drawers.	25	100	10 July	18 July
53	Sheffield ...	1	Silversmiths ...	20	...	11 Dec.	—
8	South Stafford- shire.	15	Rivet-makers ...	172	...	26 Feb.	31 Mar.
73	South Stafford- shire.	3	Iron-pot Casters, dres- sers, &c.	73	65	15 Oct.	27 Apr.*
10	Swansea (near)	1	Tube-workers ...	29	220	28 Feb.	3 Mar.
39	Swansea ...	1	Furnacemen and Charge - wheelers (Spelter Works).	120	...	21 Aug.	23 Aug.

\* 1901.

### III.—METAL, ETC., TRADES.—TINPLATE-MAKING; MISCELLANEOUS. 43

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Making—continued.</b>	
For employment of two girls instead of one in each "set," and for other alterations in working conditions.	Work resumed on old conditions.
Against discharge of pickler for alleged insubordination.	Pickler resumed work on employer's terms.
Against reduction in speed of machinery on certain work.	Reduced speed agreed to, but works have since been idle owing to dullness of trade.
Dispute arising out of dismissal of certain workpeople.	Amicable settlement arrived at and men reinstated.
Dissatisfaction with new list of prices arranged by South Wales Tinplate Conciliation Board.	Work resumed at list prices.
Dispute arising out of proposed alteration in bundlers' mode of working.	Work resumed on old terms; all future disputes to be referred to Conciliation Board. <i>See also</i> p. xxxvi.
<b>Metal Trades.</b>	
For advance in wages, reduction in hours, and extra payment for overtime.	Demands granted, except by two employers.
Refusal to work for an employer who had resigned his membership of the Trade Alliance.	Men replaced by non-unionists.
For advance in prices of 10 per cent. ... ..	Advance granted.
Alleged dissatisfaction as to contract entered into between firm and a workman.	Contract cancelled.
For minimum rate of wages of 7d. per hour ...	Some returned on old terms, others were replaced.
For advance in wages of 5 per cent. as generally granted in district.	Advance granted.
Against proposed reduction in wages of 7½ per cent.	Work resumed at old rates.
For advance in wages... ..	Advance of 1s. 6d. per week granted.
For advance in wages of 10 per cent. ... ..	A few men reinstated; remainder found work elsewhere.
For advance in wages ... ..	Strikers replaced; some were summoned and fined for leaving work without notice.
For payment of standard prices, equal distribution of work, and right of free association.	No settlement reported.
For adoption of new price list, involving an increase in wages of 15 per cent.	Modified list agreed to, involving an increase of 12½ per cent.
For advance in wages... ..	Work resumed on old rates of wages.
For reinstatement of a discharged workman ...	Work resumed, the discharged workman not being reinstated.
Dissatisfaction with refusal of firm to fix a minimum wage for a longer period than three months.	Work resumed on previous terms on advice of union officials.

44 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	ENGLAND AND WALES— <i>continued</i> .					Miscellaneous	
29	Wednesbury ...	1	Fitting and Socket Makers (Tube Trade).	130	...	19 July	19 July
36	Wigan... ..	1	Bedstead Workers ...	52	30	19 July	26 July
25	Wolverhampton	20	Farriers ... ..	30	...	30 June	4 July
28	Wolverhampton	1	Hollow-ware Tinnors	14	...	14 July	13 Aug.
	SCOTLAND.						
24	Coatbridge ...	1	Furnacemen and La- bourers (Tube Works).	200	...	25 June	4 Aug.
52	Coatbridge ...	1	Labourers (Tube Works).	70	...	12 Nov.	—
20	Glasgow (near)	1	Tube-welders, <i>Turners and Labourers</i> .	13	115	4 June	—
51	Glasgow ...	1	Labourers and <i>other Workpeople</i> (Tube Works).	500	100	8 Nov.	23 Nov.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Metal Trades—continued.</b>	
Misunderstanding as to meaning of new regulations issued by firm.	New regulations satisfactorily explained.
Against employment of a non-unionist on bedstead work.	Cause of grievance removed.
For advance in wages of 3s. per week, and reduction in weekly hours of labour from 59 to 56½.	Demands granted.
Against alleged bad quality of iron supplied stated to have caused a reduction in earnings.	Compensation promised.
Dispute as to dismissal of a fellow-workman ...	Amicable settlement arrived at.
For advance in wages of 10 per cent. ...	Some returned to work on old terms ; others were replaced.
For advance in wages of 10 per cent. ...	Work of strikers done by other workpeople in employ of firm.
For advance in wages and improvement in other working conditions ; and for reinstatement of discharged fellow-workmen.	Some of the labourers resumed on old conditions ; others were replaced. <i>See also p. xxxvi.</i>

## 46 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	No. of Work-people affected.		Date of Dispute.	
				Direct-ly.	Indi-rectly.	Begin-ning.	End.
ENGLAND.				Cotton			
Lancashire and Cheshire.							
72	Blackburn ...	1	Spinners ... ..	18	...	26 Apr.	—
107	Blackburn ...	1	Card and Blowing Room Operatives.	37	...	5 July	11 July
121	Bolton ...	1	Frame Tenters. Grinders, <i>Spinners, and Piecers.</i>	86	60	15 Oct.	22 Oct.
73	Clitheroe ...	1	Spinners and Weavers	480	...	30 Apr.	30 Apr.
7	Hyde ...	1	Piecers, <i>Cardroom Operatives, Spinners, &amp;c.</i>	25	78	11 Jan.	18 Jan.
99	Leigh ...	1	Twiners and Piecers	26	...	14 June	—
156	Manchester ...	1	Strippers, Grinders, Cardroom Operatives and <i>Spinners.</i>	25	18	14 April	21 Apr.
70	Mossley ...	1	Minders, <i>Piecers, Cardroom Operatives, &amp;c., Reelers, Warehouse Hands, &amp;c.</i>	103	821	26 Apr.	26 May
74	Oldham ...	4	Reelers ... ..	400	...	4 May	15 May
80	Oldham ...	1	Cardroom Operatives	22	...	18 May	24 May
149	Preston ...	1	Spinners, Piecers, Creelers, <i>Cardroom Operatives, Weavers, &amp;c.</i>	51	400	20 Dec.	20 Feb.*
104	Rawtenstall ...	1	Cardroom Operatives, <i>Spinners, Weavers, &amp;c.</i>	100	418	4 July	25 Aug.
143	Reddish, Stockport.	1	Piecers, <i>Spinners, Cardroom Operatives, &amp;c.</i>	63	285	3 Dec.	15 Dec.
20	Rochdale(near)	1	Piecers and <i>Spinners</i>	190	200	1 Feb.	3 Feb.
48	Rochdale(near)	1	Piecers ... ..	45	...	1 Mar.	8 Mar.
125	Shaw ...	1	Ring Piecers, <i>Reelers, Winders, Warpers, Spinners, and Cardroom Operatives.</i>	25	242	24 Oct.	26 Oct.
54	Wigan...	1	Spinners ... ..	51	...	10 Mar.	13 Mar.
61	Wigan...	1	Cop Reelers, <i>Spinners, and Cardroom Operatives.</i>	24	55	13 Mar.	22 Mar.
82	Wigan...	5	Cardroom Operatives and other Work-people.	1,291	3,445	18 May	27 July

\* 1901.



IV.—TEXTILE TRADES—COTTON SPINNING.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Spinning.</b>	
For advance of 5 per cent. to full list prices ...	Places of strikers filled by other workpeople.
Against discharge of a fellow workman to make room for one from another mill belonging to the same firm.	Man reinstated.
Dismissal of six back-tenters, and refusal of firm to compensate other operatives <i>pro rata</i> for consequent additional work done.	The six back-tenters reinstated pending arrangements as to future working.
Dissatisfaction with conditions of work ...	Amicable settlement effected.
For temporary advance in prices of 10 per cent. as compensation for bad material.	Advance of 5 per cent. granted.
For advance in wages of 5 per cent. as generally granted in district.	Places of strikers filled by other workpeople.
For advances in wages as generally granted in district.	Advance granted.
Alleged bad material ...	Compensation promised for any loss of wage proved by firm's book for 4 weeks previous to stoppage; a joint committee to deal with further complaints. <i>See also</i> p. xl.
For advance in wages of 5 per cent. ...	Advance of 7d. in the £ granted. <i>See also</i> p. xl.
Against alteration in working arrangements alleged to involve increase in amount of labour.	Alteration not enforced.
Alleged grievances as to material and wages ...	Temporary advance of wages on certain machines.
For advance in wages... ..	Agreement arrived at that cardroom operatives should be paid on the basis of the Oldham list. <i>See also</i> p. xl.
For appointment of all minders from among the piecers	Two piecers to be promoted for every outsider appointed.
Alleged bad material ...	Temporary advance in prices granted as compensation.
Alleged bad material ...	Work resumed.
Dissatisfaction with working conditions ...	Work resumed unconditionally.
Alleged bad material ...	Work resumed at weekly wages instead of piece work.
Alleged bad material ...	Temporary advance in prices granted as compensation.
For advance of 10 per cent. in day wages and 5 per cent. in piece prices.	Work resumed on old terms pending a joint conference to be held in October. <i>See also</i> p. xl.

## 48 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- file No.	Locality.	No of Works	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
ENGLAND.				Cotton			
Lancashire and Cheshire.							
27	Accrington ...	1	Weavers, <i>Winders,</i> <i>Warpers, &amp;c.</i>	373	26	9 Feb.	12 Feb.
95	Accrington ...	1	Weavers, <i>Winders.</i> <i>Warpers, Loomers,</i> <i>and Labourers.</i>	100	22	12 June	16 June
130	Accrington (near).	1	Weavers ...	225	...	14 Nov.	17 Nov.
34	Blackburn ...	1	Weavers ...	180	...	9 Feb.	10 Feb.
103	Blackburn ...	1	Overlookers ...	14	...	28 June	—
133	Blackburn ...	1	Weavers ...	173	...	15 Nov.	15 Nov.
134	Blackburn ...	1	Weavers ...	200	...	15 Nov.	15 Nov.
135	Blackburn ...	1	Weavers ...	185	...	20 Nov.	22 Nov.
37	Bolton ...	1	Weavers and Tenters	67	40	14 Feb.	20 Feb.
2	Burnley ...	1	Weavers ...	174	...	1 Jan.	4 Jan.
1	Burnley ...	1	Weavers and other workpeople.	160	30	1 Jan.	6 Jan.
19	Burnley ...	1	Weavers ...	30	...	22 Jan.	23 Jan.
32	Burnley ...	1	Weavers ...	170	...	5 Feb.	5 Feb.
33	Burnley ...	1	Weavers ...	277	...	5 Feb.	10 Feb.
30	Burnley ...	1	Weavers, <i>Overlookers,</i> <i>&amp;c.</i>	110	6	5 Feb.	12 Feb.
31	Burnley ...	1	Weavers and other workpeople.	174	22	5 Feb.	21 Feb.
41	Burnley ...	1	Weavers, <i>Tacklers, and</i> <i>Winders.</i>	127	20	16 Feb.	19 Feb.
47	Burnley ...	1	Weavers, <i>Winders,</i> <i>Beamers, Over-</i> <i>lookers, &amp;c.</i>	187	16	23 Feb.	3 Mar.
46	Burnley ...	1	Weavers ...	150	...	24 Feb.	26 Feb.
51	Burnley ...	1	Weavers, &c. ...	296	*	5 Mar.	30 Mar.
57	Burnley ...	1	Weavers, <i>Overlookers,</i> <i>&amp;c.</i>	130	6	9 Mar.	10 Mar.
53	Burnley ...	1	Weavers, <i>Overlookers,</i> <i>&amp;c.</i>	204	20	9 Mar.	21 Mar.

\* A number of spinners, cardroom hands, &amp;c., were

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Weaving.</b>	
For temporary advance in prices as compensation for alleged bad material.	Work resumed pending inquiry by employers, which resulted in the advance being granted.
Alleged bad material ... ..	Work resumed on employer's terms.
Alleged bad material ... ..	Work resumed pending further negotiations, which resulted in a temporary advance being granted.
Alleged bad material .. ..	Work resumed on employers' terms.
Alleged objectionable conduct of manager ...	Men replaced.
Complaint against an overlooker ... ..	Work resumed; complaint to be inquired into.
Alleged bad material ... ..	Work resumed subject to reference to a joint meeting, weavers fined for leaving work without notice, joint meeting arranged temporary advance of prices.
Dissatisfaction with price paid for a certain class of work.	Work resumed pending reference of dispute to a joint meeting of employers' and operatives' representatives.
Against instruction in double shuttle-box loom weaving of a single shuttle-box loom weaver older than 16 years.	Work resumed on the understanding that a new code of rules should be arranged.
Alleged bad material ... ..	Better material promised.
Alleged bad material ... ..	Better material promised.
Alleged refusal of employers to pay list prices ...	Employers agreed to pay list prices.
Alleged bad material ... ..	Work resumed pending investigation of complaint, with result that employers promised better material.
Alleged bad material and victimisation of a fellow workman.	Temporary advance in prices granted as compensation for bad material; discharged workman reinstated.
Alleged bad material ... ..	Amicable settlement effected.
For temporary advance in prices as compensation for alleged bad material.	Modified advance granted.
Alleged bad material ... ..	Temporary advance in prices granted as compensation on certain work.
Alleged failure of employers to provide better material as promised after the dispute given above (No. 32).	Temporary advance in prices of 5 per cent. granted as compensation.
Alleged bad material ... ..	Temporary advance in prices of 2½ per cent. granted as compensation.
Alleged bad material ... ..	Extra payment granted as compensation. <i>See also</i> p. xl.
Alleged bad material ... ..	Compensation granted.
For temporary advance in prices as compensation for alleged bad material.	Better material promised.

placed on short time in consequence of this dispute.

50 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
	Lancashire and Cheshire— <i>continued</i> .					Cotton	
52	Burnley ...	1	Weavers, <i>Winders, Beamers, &amp;c.</i>	127	33	12 Mar.	21 Mar.
58	Burnley ...	1	Weavers, <i>Winders, Beamers, &amp;c.</i>	220	30	16 Mar.	22 Mar.
67	Burnley ...	1	Weavers and <i>Overlookers.</i>	56	2	2 Apr.	3 Apr.
76	Burnley ...	1	Weavers, <i>Winders, &amp;c.</i>	89	26	9 May	17 May
113	Burnley ...	1	Winders ... ..	16	...	8 Aug.	13 Aug.
114	Burnley ...	1	Winders ... ..	13	...	16 Aug.	18 Aug.
137	Burnley ...	1	Weavers ... ..	300	...	22 Nov.	24 Nov.
150	Burnley ...	1	Weavers and other <i>workpeople.</i>	251	58	22 Dec.	26 Dec.
49	Chorley (near)	1	Weavers and other <i>workpeople.</i>	350	100	19 Feb.	3 Mar.
68	Colne ... ..	1	Weavers and other <i>workpeople.</i>	117	81	4 Apr.	6 July
119	Colne ... ..	1	Weavers ... ..	80	...	4 Oct.	11 Oct.
128	Colne ... ..	1	Warp Dressers ...	27	...	6 Nov.	6 Nov.
23	Haslingden ...	1	Weavers and other <i>workpeople.</i>	191	51	5 Feb.	10 Feb.
26	Hindley ... ..	1	Twisters and Drawers	16	...	2 Feb.	10 Feb.
102	Hindley ... ..	1	Weavers ... ..	120	...	28 June	2 July
140	Hindley ... ..	1	Weavers and other <i>workpeople.</i>	130	20	23 Nov.	8 Dec.
24	Macclesfield ...	1	Weavers ... ..	500	...	1 Feb.	1 Feb.
94	Macclesfield (near)	1	Weavers and other <i>workpeople.</i>	215	65	11 June	14 June
154	Nelson ... ..	1	Weavers ... ..	8	...	10 Dec.	10 Jan.*
139	Oldham ... ..	1	Weavers, <i>Twisters, Jobbers, &amp;c.</i>	225	58	28 Nov.	14 June*
11	Padiham ... ..	1	Weavers ... ..	258	...	12 Jan.	13 Jan.
35	Padiham ... ..	1	Weavers and <i>Overlookers.</i>	331	9	12 Feb.	15 Feb.
132	Padiham ... ..	1	Weavers ... ..	240	...	19 Nov.	19 Nov.
3	Preston ... ..	1	Weavers ... ..	200	...	5 Jan.	6 Jan.
66	Preston ... ..	1	Weavers ... ..	220	...	29 Mar.	29 Mar.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object	Result.
<b>Weaving—continued.</b>	
Alleged bad material ... ..	Work resumed pending inquiry, work-people agreeing not to strike in future until complaints have been investigated. The inquiry resulted in temporary advance in prices being granted as compensation.
Alleged bad material ... ..	Work resumed pending consideration of complaint by employers. Shortly afterwards better material was supplied.
Alleged bad material ... ..	Temporary advance in prices granted as compensation.
Alleged unfair dismissal of a workman ... ..	Man reinstated, weavers paying 9d. per loom for "power" lost by strike.
Alleged bad material ... ..	Amicable settlement effected.
Alleged bad material ... ..	Compensation granted.
Alleged bad material ... ..	Better material promised.
Alleged unfair dismissal of a weaver ... ..	Dismissed weaver reinstated.
Alleged bad material ... ..	Complaints to be considered after resumption of work. <i>See also</i> p. xl.
For advance in prices when "plain" or "stripe" goods were put into "check" looms.	Employer agreed to change the "slays" or put "skeleton boxes" on looms when plain work was woven in "check" looms.
Refusal of firm to conform to Manchester Agreement of July, 1900, with regard to plain work in check looms.	Weavers' terms conceded.
Alleged undue preference to non-unionist in share of work.	Amicable settlement arrived at.
Alleged bad material ... ..	Work resumed; grievance to be inquired into.
For advance in prices ... ..	Modified advance granted to drawers; twistars resumed work at old price.
Alleged bad material ... ..	Improved material promised.
Against dismissal of a colleague ... ..	Work resumed on employer's terms; some of the strikers summoned and fined for leaving without notice.
Alleged bad material ... ..	Better material promised.
Alleged bad material ... ..	Amicable settlement effected.
Workpeople alleged that employer was not paying full list prices.	Employer agreed to pay list prices.
For payment of list prices on certain classes of work and for back pay on those classes.	Amicable settlement arranged.
Alleged bad material ... ..	Better material promised.
Alleged excessive fining by overlooker ... ..	Employers promised to investigate complaint, and work was resumed.
Against suspension of a fellow weaver ... ..	Weaver reinstated.
Dispute as to infliction of fines for bad work ... ..	Operatives obtained no change in conditions objected to.
For payment of full list prices for certain classes of work.	Employers agreed to pay list prices until the work in question was completed.

## 52 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No. 9	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Disputa.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
Lancashire and Cheshire— <i>continued</i> .				Cotton			
5	Rishton ...	1	Weavers ... ..	250	...	1 Jan.	2 Jan.
4	Rishton ...	1	Weavers ... ..	58	...	5 Jan.	6 Jan.
105	Rochdale ...	1	Weavers ... ..	10	...	10 July	13 July
75	Rossendale ...	1	Weavers ... ..	200	...	25 Apr.	19 May
131	Rossendale ...	1	Weavers and other <i>workpeople.</i>	200	50	15 Nov.	1 Dec.
36	Stalybridge ...	1	Weavers and <i>Over- lookers.</i>	145	5	8 Feb.	10 Feb.
138	Stockport (near).	1	Weavers ... ..	250	...	22 Nov.	27 Nov.
ENGLAND.				Woollen and Worsted			
117	Bradford ...	1	Woolcombers ...	434	...	4 Sept.	10 Sept.
85	Leeds ...	1	Weavers ... ..	70	...	26 May	8 June
63	Rochdale (near).	1	Piecers ... ..	58	...	23 Mar.	24 Mar.
155	Rochdale ...	1	Weavers ... ..	21	...	28 Dec.	Jan.*
SCOTLAND.				Linen and Jute			
65	Blairgowrie ...	1	Jute and Tow Pre- parers, <i>Spinners and Reelers.</i>	50	72	26 Mar.	28 Mar.
13	Dundee ...	1	<i>Shifters and other Jute Workers.</i>	50	500	19 Jan.	20 Jan.
64	Dundee ...	1	Linen and Jute Weav- ers, &c.	86	...	23 Mar.	24 Mar.
92	Dundee ...	1	Jute Weavers ...	53	...	11 June	23 June
101	Dundee ...	1	Jute Spinners, Pre- parers, and <i>Weavers.</i>	210	200	3 July	3 July
118	Dundee ...	1	Jute Spinners and <i>other workpeople.</i>	108	104	21 Sept.	25 Sept.
42	Kilbirnie ...	1	Flax Roughers, <i>Sorters, and Machine Boys.</i>	35	100	5 Feb.	5 Mar.
109	Kilbirnie ...	1	Flax Sorters and Roughers.	65	...	19 July	26 Jan.*
17	Leven, Fife ...	2	Flax and Hemp Pre- parers and Spinners.	539	...	26 Jan.	31 Jan.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Weaving—continued.</b>	
Alleged bad material ... ..	Work resumed on employers' terms.
Alleged bad material ... ..	Work resumed on employers' terms.
Dissatisfaction with prices paid for certain work...	Advance granted on work in question.
Sympathy with a workman who had been discharged, resulting eventually in a general lock-out.	Lock-out withdrawn.
To maintain list prices ... ..	Payment of list prices agreed to, less 2½ per cent. on account of local disadvantage.
Alleged bad material ... ..	Better material promised.
To obtain payment of list prices ... ..	An advance of 7½ per cent. granted.
<b>Manufacture.</b>	
Against alteration in number of minders to each machine.	Alteration agreed to by workpeople.
Refusal to accept revised scale of prices for box-loom work.	Revised scale accepted.
For advance in wages of 1s. per week to full timers, and 6d. to half-timers.	Advance granted.
Against proposed revised scale causing reduction in prices.	Places taken by other weavers at revised rates.
<b>Manufacture.</b>	
For reinstatement of discharged foreman... ..	Work resumed unconditionally.
Alleged excessive weight of material ... ..	Work resumed unconditionally.
Alleged insufficient supply of material ... ..	Work resumed after explanation by employers.
Alleged heavy material, involving reduction in earnings.	Work resumed on old conditions.
Sympathy with two overseers who had resigned in consequence of being refused an advance in wages.	Work resumed under new overseers.
Alleged bad material ... ..	Work resumed on old conditions.
For advance in wages of 2s. 6d. per week ... ..	Advance of 2s. granted.
For reduction in amount of work to be performed for certain fixed rates of wages.	Sorters obtained allowances on heavy bales ; roughers' work slightly reduced.
For advance in wages ... ..	An advance granted.

54 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
			IRELAND.			Linen and Jute	
124	Cork ... ..	1	Flax Bundlers, Spin- ners, &c.	655	...	12 Oct.	25 Oct.
			ENGLAND.			Minor Textiles	
153	Bolton (near)	1	Bleachers, Dyers, Fin- ishers, <i>and other</i> <i>workpeople</i> .	138	38	27 Dec.	5 Jan.*
90	Halifax ...	1	Dyers' Labourers, Ma- chinemen, &c.	30	...	25 May	—
45	Leicester ...	1	Hosiery Operatives ...	30	...	27 Feb.	—
115	Loughborough	1	Framework Knitters <i>and other Hosiery</i> <i>Workers</i>	60	40	24 Aug.	24 Aug.
83	Nottingham ...	8	Auxiliary Lace Work- ers <i>and Lace Ma-</i> <i>kers</i> .	85 .	100	21 May	9 June
120	Rochdale ...	1	Silk Dressers... ..	36	...	9 Oct.	13 Apr.*
142	Rochdale ...	1	Silk Weavers... ..	64	...	29 Nov.	15 Apr.*
112	Woodborough	1	Framework Knitters	30	...	27 July	10 Oct.
			SCOTLAND.				
43	Paisley ...	1	Cop Winders <i>and other</i> <i>workpeople</i> (Thread Manufacture).	483	600	26 Feb.	8 Mar.

\* 1901.



*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Manufacture—continued.</b>	
Strike of bundlers for an advance in wages, followed by lock-out of spinners.	Work resumed on old conditions. <i>See also</i> p. xl.
<b>and Bleaching and Dyeing.</b>	
Against proposed change in system of payment and reduction in prices.	Work resumed on old conditions pending a conference.
For advance in wages and increase in overtime rates.	Dyeing department closed.
Against proposed reduction in prices for certain work.	Work resumed on weekly wages.
Misunderstanding as to alteration in system of time keeping.	Work resumed after misunderstanding had been removed.
For advance in prices for threading cotton, and establishment of minimum wage of 22s. 6d. per week for pressing.	Work resumed at advanced rates.
Against proposed reduction in wages (from 9d. to 8d. per lb.) on a certain class of work.	Work resumed at 8½d. per lb., but system of working altered.
Refusal to accept new price list alleged to involve a reduction in earnings.	A price list agreed to, stated to involve a reduction of about 12 per cent.
For alteration in system of payment ... ..	Demand granted.
For advance in wages ... ..	Work resumed at old rates. <i>See also</i> p. xl.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	ENGLAND.					Boot, Shoe, and	
	Northern Counties.						
8	Newcastle-on-Tyne.	1	Slipper Makers <i>Machinists, Rivet- ters, &amp;c.</i>	11	15	2 Apr.	1 Aug.
51	Newcastle-on-Tyne.	1	Slipper Makers ...	10	...	16 Apr.	1 Aug.
	Yorkshire and Lancashire.						
43	Barnsley ...	1	Boot and Shoe Opera- tives.	33	...	24 Nov.	2 Mar.*
37	Guiseley ...	1	Boot and Shoe Opera- tives.	8	...	10 Nov.	28 Nov.
10	Leeds ...	12	Slipper Makers ( <i>Jew- ish</i> ).	160	...	22 Apr.	16 May
13	Leeds ...	1	Finishers and Lasters, <i>Clicker and Machin- ists.</i>	9	5	30 Apr.	1 May
19	Manchester ...	1	Lasters ...	22	...	17 June	20 June
23	Manchester ...	12	Shoe and Slipper Makers.	132	...	2 July	10 Sept.
44	Manchester ...	1	Slipper Operatives ...	7	5	20 Dec.	12 Mar.*
50	Preston ...	—	Clog Makers ...	30	...	3 Dec.	15 Dec.
29	Yeadon ...	1	Riveters and Fin- ishers.	30	...	10 Sept.	10 Sept.
	N. and W. Midland Counties.						
42	Barwell ...	1	Lasters ...	30	...	29 Oct.	13 Nov.
35	Hinckley ...	1	Boot and Shoe Fin- ishers.	19	...	8 Oct.	9 Oct.
12	Leicester ...	1	Shoe Finishers ...	19	...	23 Apr.	26 Apr.
14	Nottingham ...	1	Boot and Shoe Opera- tives.	120	...	26 Apr.	28 Apr.
30	Stafford ...	1	Boot and Shoe Opera- tives.	16	...	17 Aug.	27 Aug.
	London.						
20	London, E. ...	1	Boot and Shoe Opera- tives.	11	...	23 Apr.	—
40	London, S.E. ...	1	Lasters and Finishers	160	...	27 Nov.	1 Dec.
	SCOTLAND.						
31	Glasgow ...	1	Clickers ...	23	...	3 Sept.	29 Sept.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Clog Manufacture.</b>	
Dispute as to putting on heels to slippers by machinery, and also as to price for so doing.	Work resumed upon employer's terms.
Alleged non-payment according to price list for making slippers.	Work resumed on previous terms.
For a minimum wage of 28s. per week, and reduction in hours of labour from 58½ to 54.	Minimum Wage of 6d. per hour agreed to, and hours reduced to 54 per week.
To obtain trade union prices and conditions of labour.	Work resumed on old conditions by majority of men.
For payment of "statement" prices by Jewish employers.	Demands granted by all employers but one.
Alleged excessive output of work required on certain machinery.	Alterations agreed upon satisfactory to the men.
Request of union for adoption of new price list objected to, and men locked-out.	New price list adopted as from 2nd July.
To obtain acceptance of a revised price list ...	Revised price list accepted by majority of employers.
Against proposed reduction in price of 3d. per dozen pairs.	Men obtained work elsewhere and were replaced by others at the reduced rate.
For advance in wages. ... ..	New price list agreed to resulting in an advance.
Against dismissal of a fellow-workman ... ..	Work resumed without reinstatement of discharged man.
Against proposed alteration in system of work.	Work resumed under old conditions.
For reinstatement of two discharged fellow-workmen.	One man reinstated.
Refusal to finish certain shoes alleged to have been partly made outside the town at less than town prices.	Agreed that the local conditions be observed.
Alleged arbitrary conduct of foreman ... ..	Settlement arrived at satisfactory to the workpeople.
Dispute arising out of the introduction of a new machine.	Amicable settlement effected.
To maintain London uniform statement of prices.	Men obtained work elsewhere.
Dispute as to quantity of work to be done in a given time.	Work resumed pending reference of dispute to trade arbitration board.†
To compel employers to take down a notice stating that any work damaged would have to be paid for.	Some men resumed work on employer's terms, others replaced.

† An agreement was subsequently arrived at on the termination of another dispute in February, 1901.

58 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	ENGLAND.					Tailoring	
32	Bath (near) ...	1	Cutters, Pressers and Fitters.	42	*	29 Sept.	—
24	Leeds ...	1	Pressers ...	14	...	20 Aug.	21 Aug.
33	Leeds ...	1	Machinists ...	30	...	27 Sept.	28 Sept.
45	Leeds ...	1	Tailors, Machinists, &c., (Jewish).	16	...	14 Dec.	28 Jan.†
36	Leicester ...	1	Pressers ...	14	...	29 Oct.	—
16	London, E. ...	1	Machinists, &c., and <i>other Workpeople.</i>	12	4	18 Apr.	21 Apr.
21	London, S.W....	1	Tailors ...	50	...	18 July	— July
38	London, W.C....	1	Tailors ...	120	...	21 Nov.	28 Nov.
39	London, W. ...	1	Tailors ...	85	...	17 Nov.	17 Nov.
47	London, W. ...	1	Ladies Tailors ...	43	...	20 Dec.	23 Jan.†
	SCOTLAND.						
26	Aberdeen ...	1	Tailors ...	23	...	1 June	5 June
25	Glasgow }	1	Tailors ...	13	...	29 Jan.	3 Feb.
22		1	Tailors ...	8	...	12 July	15 Sept.
52	Glasgow ...	1	Tailors ...	12	...	3 Dec.	6 Dec.
5	Greenock ...	20	Tailors ...	68	...	26 Mar.	28 Mar.
	IRELAND.						
2	Belfast ...	1	Tailors ...	10	...	5 Feb.	13 Mar.
15	Dublin ...	34	Tailors ...	600	...	26 Apr.	19 Sept.
	ENGLAND.					Other Clothing	
56	Ashton-under- Lyne.	1	Felt Hatters ...	99	...	24 Nov.	1 Dec.
7	Manchester ...	1	Waterproof Garment Machinists.	16	...	25 Mar.	9 Apr.

\* About 300 Workpeople were put on short time in consequence of this dispute.

† 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trade.</b>	
Against dismissal of a fellow-workman ... ..	Places of strikers filled.
Refusal of men to accept girls' work at price paid to latter.	Work resumed at an increase of 1½d. per dozen on the rates paid to girls.
Against proposed reduction in price on certain work.	Proposed reduction withdrawn.
For payment by time instead of by piece, for employment of Union men only, and against being compelled to work on Saturdays.	Piece work system adhered to, but preference in employment to be given to Union men, and work on Saturdays not to be compulsory.
For reinstatement of fellow-workmen discharged for not doing sufficient work.	Men replaced.
On account of the discharge of certain men and other alleged grievances.	Settlement effected, satisfactory to both parties.
Objection to a fellow-workman ... ..	Workpeople replaced.
For advance in wages... ..	Work resumed on old conditions.
For official recognition of minimum rate of wages of 55s. per week.	Employers agreed to recognise the minimum rate.
Against discharge of fellow workmen ... ..	Employers' terms accepted. Some of the men's places had been filled up.
Objection to firm having work done outside ...	Firm promised to send no more work out.
For reinstatement of two discharged fellow-workmen.	One man reinstated.
Against substitution of day-wage system for payment according to "log."	Men replaced.
Dismissal of men arising out of dispute as to payment for an altered garment.	All but one reinstated.
For adoption of new time "log" and revised classification, involving advance in wages of about 12½ per cent.	Demands granted.
Against proposed reduction in "log" rate from 5½d. to 5d. per hour.	Proposed reduction withdrawn.
For abolition of out-working system and adoption of new time "log."	Demands withdrawn; joint committee of employers and workpeople to be appointed to deal with all questions in dispute.
<b>Trades.</b>	
Refusal of finishers to teach their branch of the trade to a man who had not been apprenticed as a finisher.	Employers found another situation for the man in question.
For advance in piece rates ... ..	Men replaced by non-unionists.

## 60 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No of Works.	Occupation. (The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .)	Number of Work-people affected		Date of Dispute.		
				Direct-ly	Indi-rectly	Begin-ning	End	
	ENGLAND AND WALES.						Dock and River-	
41	Bristol, Portishead, and Avonmouth.	—	Dock Labourers <i>and other workpeople.</i>	1,500	400	18 June	30 June	
82	Bristol ...	4	Deal Carriers ...	500	...	25 June	30 June	
85	Bristol ...	3	Dock Labourers <i>and other workpeople.</i>	80	50	Aug.	Aug.	
60	Hull ...	20	Harbour Lightermen <i>and Stevedores' Labourers.</i>	150	150	23 July	30 July	
10 & 12	Liverpool ...	1	Dock Labourers ...	150	...	12 Mar.	26 Mar.	
2	London (Royal Albert Docks)	5	Dock Labourers ...	1,500	...	15 Jan.	18 Jan.	
4	London (Tilbury.)	2	Dock Labourers ...	750	...	20 Jan.	22 Jan.	
6	London (Victoria and Albert Docks)	5	Coal Porters ...	600	...	29 Jan.	— Feb.	
36	London, S.W....	1	Lightermen ...	25	...	31 Mar.	2 Apr.	
16	London (Victoria Docks).	1	Dock Labourers ...	600	...	9 Apr.	— Apr.	
37	London, Port of	—	Dock Labourers ...	About 4,000*	...	5 June	7 July	
77	London, Port of	25	Lightermen, Watchmen and Apprentices.	1,564	...	12 Oct.	24 Jan.†	
13	Middlesbrough	1	Dock Labourers ...	70	170	29 Mar.	31 Mar.	
40	Middlesbrough	3	Dock Labourers, <i>Railway Labourers, &amp;c.</i>	200	150	11 June	28 July	
55	Middlesbrough	1	Cranemen, <i>Ore Fillers, Stowers, &amp;c.</i>	18	204	11 July	12 July	
62	Newhaven ...	1	Quay Labourers ...	400	...	6 Aug.	—	
47	North Shields	1	Dock Labourers ...	250	...	12 June	21 June	
42	Runcoorn ...	1	Canal-barge Loaders	16	...	11 June	30 June	
78	Shields ...	1	Dock Labourers ...	323	...	29 May	5 July	
15	Southampton	5	Coal-heavers ...	500	...	11 Apr.	20 Apr.	
11	Sunderland ...	2	Timber-carriers ...	50	...	19 Mar.	20 Mar.	

\* A large number of casual Labourers is here included, and eth  
† 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object	Result
<p>side Labour.</p> <p>For advance in wages... ..</p> <p>For advance in wages of 1s. per day, and abolition of piecework.</p> <p>Refusal of employer to concede an extra man in each gang.</p> <p>For advance in time and piece rates of wages ...</p> <p>Against reduction in wages to rates paid by other employers.</p> <p>For advance in wages from 6d. to 7d. per hour between 7 a.m. and 6 p.m., and from 8d. to 1s. per hour after 6 p.m.</p> <p>For advance in wages as granted at Royal Albert Docks.</p> <p>For employment of 7 men per "winchman's gang," and 3 men per "steam barge gang," instead of 6 and 2 respectively as formerly.</p> <p>For alteration of tidal system of working to that of days and nights.</p> <p>In sympathy with certain grain porters suspended by employers.</p> <p>Demand that men should be engaged outside instead of inside the dock gates, followed by demand for advance in wages and establishment of a Conciliation Board.</p> <p>Dispute as to interpretation of Lord Brassey's award of 1889 respecting overtime and night work. A demand for an advance of wages to watchmen was also put forward.</p> <p>For advance in wages from 4s. to 5s. per day ...</p> <p>For advance in wages of 1s. per day ... ..</p> <p>For establishment of a regular double shift of crane-men.</p> <p>For advance in wages... ..</p> <p>For advance in wages and change in system of payment.</p> <p>For advance in rates of <math>\frac{1}{4}</math>d. per ton... ..</p> <p>In sympathy with chippers and painters involved in dispute given on page 32.</p> <p>For advance in wages from <math>1\frac{1}{4}</math>d. to 2d. per ton for day work, 2d. to <math>2\frac{1}{4}</math>d. for night work, and 2d. to 3d. for Sunday work.</p> <p>For advance in wages from 24s. to 27s. per week while engaged on certain work.</p>	<p>Work resumed on old terms pending arbitration, which resulted in advances varying from 3d. to 6d. per day. <i>See pp. xlv., 109, 110.</i></p> <p>Advance of 3d. per day granted.</p> <p>Work taken over by a stevedore who granted men's demands.</p> <p>Work resumed and questions in dispute referred to two arbitrators, who fixed the time and piece rates of wages and other working conditions. <i>See p. 106.</i></p> <p>Work resumed on employers' terms.</p> <p>Wages advanced to 7d. per hour between 7 a.m. and 6 p.m., 10d. between 6 p.m. and 10 p.m., and 1s. after 10 p.m. <i>See also p. xlv.</i></p> <p>Advance granted. <i>See also p. xlv.</i></p> <p>Men returned to work on old terms <i>See also p. xlii.</i></p> <p>Modified alteration agreed to.</p> <p>Work resumed next day, except by "grain gangs," who remained out, machine elevators being employed.</p> <p>Work resumed on employers' terms. <i>See also p. xlv.</i></p> <p>Employers interpretation of award accepted. Watchmen granted an advance of 6d. per day or night. <i>See also p. xliii.</i></p> <p>Advance to 4s. 6d. per day granted.</p> <p>Work resumed at old rate of wages.</p> <p>System of regular employment adopted.</p> <p>Men replaced.</p> <p>Modified advance granted, and change in system of payment agreed to.</p> <p>Advance of <math>\frac{1}{4}</math>d. per ton granted.</p> <p>Work resumed on termination of chippers' and painters' dispute.</p> <p>Advance granted of <math>\frac{1}{4}</math>d. per ton for night work, and <math>\frac{1}{4}</math>d. per ton for Sunday work. <i>See also p. xlv.]</i></p> <p>Advance granted.</p>

actual vacancies at any time were considerably under this figure.

## 62 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.		
				Direct- ly.	Indi- rectly.	Begin- ning.	End.	
	SCOTLAND.						Dock and River-	
39	Aberdeen ...	10	Dock Labourers ...	250	...	7 June	8 June	
63	Ardrossan ...	1	Dock Labourers ...	96	...	26 May	4 July	
34	Ardrossan ...	1	Coal Trimmers ...	24	...	25 June	28 June	
21	Bo'ness and Grangemouth.	7	Dock Labourers ...	300	...	23 Apr.	25 Apr.	
74	Burntisland ...	1	Coal Trimmers ...	60	...	1 Oct.	1 Oct.	
49	Clyde ...	4	<i>Tugboatmen and Coal Porters.</i>	170	25	25 June	5 Sept.	
1	Dundee ...	15	Dock Labourers ...	370	...	8 Jan.	9 Jan.	
69	Dundee ...	5	Dock Labourers ...	100	...	5 Sept.	12 Sept.	
44	Leith ...	1	Dock Labourers ...	300	...	18 June	19 June	
	IRELAND.							
50	Dublin ...	12	Dock and Coal La- bourners, Carters, &c.	1,000	...	2 July	20 July	
26	Limerick ...	7	Dock Labourers ...	250	...	15 May	29 June	
58	Limerick ...	4	Dock Labourers ...	55	...	16 July	16 July	
51	Newry ...	2	Dock Labourers ...	115	...	13 July	20 July	
	ENGLAND AND WALES.						Other Transport	
73	Ashton-under- Lyne, Denton, Hyde and Oldham.	1	Tram Drivers and Conductors.	74	...	23 Sept.	31 Oct.	
64	Barry and Vale of Gla- morgan.	1	Platelayers ...	243	...	20 July	3 Sept.	
25	Darlington ...	1	Permanent way Labourers.	61	...	8 May	8 May	
38	Hull ...	1	Timber Labourers and Tallymen.	48	...	6 June	8 June	
79	London, E. ...	1	Carmen ...	100	...	28 Nov.	28 Nov.	
80	London, E. ...	1	Carmen ...	130	...	3 Dec.	4 Dec.	
83	London ...	1	Carmen ...	56	...	17 Dec.	Feb.*	

\* 1901.



*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>side Labour—continued.</b>	
For advance in wages from 6 <i>d.</i> to 7 <i>d.</i> per hour for day work, and from 8 <i>d.</i> to 9 <i>d.</i> per hour for night work.	Advance of ½ <i>d.</i> per hour granted on day work and night work.
For advance in price for discharging ore from 2½ <i>d.</i> to 3½ <i>d.</i> per ton.	Advance to 3 <i>d.</i> per ton granted, with overtime pay for work done after 2 p.m. on Saturdays.
Refusal to perform certain work while a dispute affecting others in the same employ was in progress.	Work resumed on employers' terms.
For general advance in wages from 6 <i>d.</i> to 7 <i>d.</i> per hour.	Advance of ½ <i>d.</i> and 1 <i>d.</i> per hour granted on most classes of work.
Objection to work being sub-let to two contractors.	Men replaced.
For reduction in working hours, and extra payment for work between 6 p.m. on Saturday and 6 a.m. on Monday.	Work resumed on old conditions. <i>See also</i> p. xlv.
For employment of union men only, and other alterations in working regulations.	Work resumed on old conditions pending formation of a Conciliation Board. <i>See</i> p. 107.
For advance in overtime rates of 1½ <i>d.</i> per hour ...	Demands granted. <i>See</i> p. 108.
For advance in rates of payment for overtime ...	Work resumed on employer's terms.
For advance in wages, and against employment of non-unionists.	Work resumed on employers' terms <i>See also</i> p. xlv.
For advance in wages... ..	Work resumed on old terms.
For advance in rate of pay for night work ...	Work resumed on old terms.
For advance in wages... ..	Advance of 1 <i>d.</i> per ton granted in the case of one firm; in that of the other the men were replaced.
<b>Trades.</b>	
Against dismissal of certain employees ... ..	Men reinstated and work resumed pending arbitration as to action of Superintendent. In the meantime the Superintendent resigned, having found work elsewhere. The Arbitrator accordingly adjourned the hearing of the case <i>sine die</i> .
For advance in wages of 3 <i>s.</i> per week, and reduced hours of labour.	Advance of 1 <i>s.</i> per week granted, and men to be provided with shovels by Company.
For advances in wages of 3 <i>s.</i> per week ... ..	All but two of the men replaced.
For advance in wages of 4 <i>s.</i> 6 <i>d.</i> per week to labourers and of 7 <i>s.</i> 6 <i>d.</i> to tallymen.	Advances granted of 2 <i>s.</i> 6 <i>d.</i> per week to labourers and of 3 <i>s.</i> to tallymen.
For advance in wages and other improvements in working conditions.	Modified advances in wages and improvements in working conditions granted.
For advances in wages of 3 <i>s.</i> and 2 <i>s.</i> per week ...	Advances granted averaging 2 <i>s.</i> 6 <i>d.</i> per week.
For advance in wages .. ..	Most of the men found work elsewhere and were replaced, a few resuming work on old terms.

64 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Disputa.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	ENGLAND AND WALES— <i>continued</i> .					Other Transport	
33	Merthyr Tydvil	1	Railway Platelayers	50	...	21 May	26 May
18	Shildon ...	1	Railway Engine Cleaners.	39	...	7 Apr.	10 Apr.
66	South Wales (Taff Vale).	1	Railwaymen ... ..	1,200	...	20 Aug.	31 Aug.
81	Tyneside, &c....	1	Mineral Guards, <i>En- gine Drivers, Fire- men, Shunters, &amp;c.</i>	225	584	10 Dec.	17 Dec.
	SCOTLAND.						
14	Aberdeen ...	6	Carters ... ..	400	...	2 Apr.	12 Apr.
23	Aberdeen ...	20	Steam Trawlers' En- gineers, Firemen, Deck Hands, Cooks, <i>and other work- people.</i>	1,200	1,000	5 May	28 May
35	Airdrie and Bathgate.	1	Platelayers ... ..	63	...	24 May	29 June
52	Granton ...	1	Steam Trawl Engine- men and Firemen.	38	...	10 July	18 Aug.
68	Montrose ...	1	Timber-dischargers ...	30	...	31 Aug.	4 Sept.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades—continued.</b>	
For advance in wages of 1s. per week, and payment for Christmas Day and Good Friday. In sympathy with four of their fellows, fined for alleged negligence. For advance in wages, reinstatement of discharged colleague, and recognition of trade union officials.	Demands acceded to. Most of the strikers resumed work as new hands. The question of the treatment of the discharged employee was referred to the President of the Board of Trade. The company agreed to reinstate as many men as possible at once and others within one month. Failing the formation of a Conciliation Board for the local railway companies by October 31st, 1900, it was agreed that the demands of the workpeople should be considered by the directors of the Taff Vale Company. <i>See also</i> p. xliiv.
Against instructions for brake-vans to be used indiscriminately instead of each guard having a van specially allotted to him.	Work resumed pending conference for arrangement of future conditions at which it was decided that men should have their own vans when this could be arranged. <i>See also</i> p. xlii.
For advance in wages of 2s. per week for "single" horsemen and 4s. for "double" horsemen. Firemen refused to continue custom of assisting in deck work; deck hands and cooks demanded advance in wages.	Work resumed at old rates. Work resumed on employers' terms. <i>See also</i> p. xlii.
For advance in wages of 3s. per week and reduction in hours of labour.	Work resumed on old terms by all but one man, who received an advance of 1s. per week.
Against withdrawal by firm of an extra hand from each vessel.	Work resumed on employer's terms.
For advance in wages... ..	Work resumed at old rate of wages.

## 66 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Disputa.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
						Printing and	
ENGLAND.							
91	London, E.C. ...	1	Plate Printers ...	20	...	1 Oct.	—
23	Newcastle-on-Tyne.	1	Compositors ...	39	...	1 Mar.	—
41	Sunderland ...	1	Paper Mill Workers...	163	213	18 May	14 July
SCOTLAND.							
52	Perth ...	2	Letterpress Printers	34	...	9 July	—
IRELAND.							
58	Naas ...	1	Letterpress Printers	13	...	17 July	— July
ENGLAND.							
Cabinet Making and							
31	Bedford ...	1	Cabinet Makers ...	13	...	28 Apr.	— May
64	Burnley ...	2	French Polishers ...	10	...	27 July	— July
44	London ...	1	Cabinet Makers ...	52	...	18 May	25 May
115	London, E.C. ...	1	Cabinet Makers and Wood Carvers.	15	...	23 June	20 Sept.
95	London, E.C....	1	Cabinet Makers ...	20	...	13 Nov.	—
116	Manchester ...	1	Cabinet Makers ...	18	...	17 Dec.	8 Apr.*
51	Nottingham ...	4	Cabinet Makers and French Polishers.	82	...	2 July	11 July
93	Rochdale ...	—	French Polishers ...	22	...	1 Oct.	—
SCOTLAND.							
61	Edinburgh ...	1	Wood Carvers ...	14	...	10 July	17 July
ENGLAND.							
Other Woodworking							
106	Birmingham ...	1	Machinists and Cabi- net Makers.	29	...	21 Dec.	Feb.*

\* 1901.

VII.—MISCELLANEOUS TRADES.—PRINTING, ETC. ; WOODWORKING. 67  
*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Allied Trades.</b>	
Against introduction of men who had not served their apprenticeship to the trade.	Men found work elsewhere.
Refusal to sign proposed workshop rules ... ..	Workpeople replaced by non-unionists.
For advance in wages, reduction in hours of labour, and alteration in overtime and tonnage rates, &c.	Hours reduced by 3 per week; new overtime rates and satisfactory tonnage scale arranged.
Against employment of female compositors at lower rates than men.	Men's places filled up.
Against employment of a non-unionist ... ..	Men's places filled up.
<b>French Polishing Trades.</b>	
Against alleged attempt to introduce task and lump work.	Task and lump work not introduced, but strikers replaced by non-unionists.
For advance in wages from 7d. to 7½d. per hour, and payment of time and a quarter for all time worked over 5½ hours per week.	Demands granted.
For advance in wages from 10d. to 10½d. per hour, and reduction in hours of labour from 52½ to 50 per week.	Demands granted.
For change from piece to day work and against employment of non-unionists.	Men replaced.
Dispute arising out of discharge of several fellow-workpeople, and other matters.	Places filled by non-unionists.
Against the introduction of piecework ' ... ..	Trade Union rules to be recognised by employer.
For increase in overtime rates and out-working allowance, and for advance in wages to polishers from 7½d. to 8d. per hour.	Increase in overtime rates, modified advance in out-working allowance and advance to polishers agreed to.
For advance in wages from 32s. to 34s. per week, and increase in overtime rates.	Advance in wages granted, but with modified increase in overtime rates.
For limitation of number of apprentices in accordance with local working rules.	Men's demand agreed to.
<b>Trades.</b>	
Against dismissal of Society men and introduction of low paid non-union labour.	Men replaced.

## 68 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No of Works	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute.	
				Direct- ly.	Indi- rectly.	Begin- ning.	End.
	ENGLAND—continued.					Other Wood-	
101	London, E.C. ...	1	Wood Turners and Sawyers.	23	...	8 Oct.	16 Feb.*
82	Wellington (near).	1	Sawyers and Electric Car Makers.	432	...	14 Sept.	4 Oct.
94	Wellington (near).	1	Coach Painters ...	13	...	29 Oct.	15 Nov.
5	West Hartle- pool.	1	Sawmill Labourers, <i>Sawyers and Plan- ing Machinists, &amp;c.</i>	68	49	29 Jan.	1 Feb.
30	Wolverhampton	2	Coopers ... ..	7	...	20 Apr.	—
	SCOTLAND.						
4	Bo'ness ...	4	Pitwood Sawyers, Carriers, &c.	199	...	23 Jan.	5 Feb.
86	Dundee ...	1	Sawmillers and Boys, <i>Case and Box Makers and Improvers.</i>	36	27	26 Sept.	2 Oct.
	ENGLAND.					Brick, Glass,	
22	Birmingham ...	1	Brickmakers ... ..	50	...	21 Feb.	17 Mar.
21	Castleford (near)	1	Lime burners ... ..	30	...	24 Feb.	3 Mar.
45	Ferrybridge ...	1	Pottery Workers ...	200	...	2 June	11 June
55	Halifax ...	1	Glazed Brick and Pipe Workers.	79	...	22 June	19 July
48	Huddersfield ...	1	Chemical Workers, Mechanics, &c.	200	...	18 June	19 June
42	Jarrow-on-Tyne	1	Bricklayers and La- bourers (in Chemical Works).	4	4	23 Jan.	7 Mar.
8	Middlesbrough	1	Chemical Manure Makers.	34	20	19 Jan.	24 Jan.
43	Nottingham ...	1	Brickmakers, &c. ...	42	...	7 June	— July
75	Penzance ...	1	China Clay Workers	22	...	27 Aug.	4 Sept.
20	Potteries (Tun- stall, Burslem, Hanley, Stoke- on-Trent, &c.).	65	Pottery Workers (Earthenware sec- tion).	20,000	...	26 Mar.	28 May

\* 1901.

VII. —MISCELLANEOUS TRADES.—WOODWORKING ; BRICK, GLASS, ETC. 69

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>working Trades—continued.</b>	
Because of discharge of certain men ... .. Sawyers struck on 14th September against labourer being put to work a machine ; others came out in sympathy on 4th October. Dissatisfaction with piecework prices offered for certain work. For reinstatement of four discharged workmen ...	Amicable arrangements made for re- sumption of work. Amicable agreement arranged.  Amicable settlement effected. Agreement arrived at satisfactory to the parties.
For payment of price list generally recognised in district.	Men found work elsewhere.
For advances in wages of 2s. per week to men, and 1s. to women, boys and girls. Against alteration in making-up day for wages ...	Advances granted. Work resumed on employers' terms.
<b>Pottery, Chemicals, &amp;c.</b>	
Refusal to work by piece at rates offered ... .. Dissatisfaction with wages paid ... .. For advance in wages of 10 per cent. ... .. For a minimum rate of 5d. per hour ... .. Against proposed re-arrangement of working hours. For payment at "outside" rate when engaged on "new" work inside. Dispute as to system of payment ... .. For advance in time rates of $\frac{1}{2}$ d. per hour, and in piece rates for pressing of 3d. per 1,000. For advance in wages... ..	Work resumed on former daywork system. New system of payment adopted, re- sulting in an advance in wages. Advance of 5 per cent. granted. Advance to a minimum rate of 22s. per week granted. Modified re-arrangement agreed to. Demand granted.  A new system agreed to.  Most of the men resumed work on old conditions ; others obtained work elsewhere. Work resumed at old rates of wages.
Printers and transferrers, ovenmen, and flat and hollow-ware pressers demanded advances in wages amounting to about 10 per cent., printers and transferrers also demanding "levelling of counts." Some of the workpeople, principally printers, transferrers, and ovenmen, struck on March 26th, others on April 23rd, remainder of earthenware section were locked out on April 30th.	Advance of 8½ per cent. to ovenmen and of 5 per cent. to other classes granted, to date from 1st October ; question of "counts" to be dealt with by conciliation committees. <i>See also p. xlviii.</i>

## 70 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Office No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Workpeople affected		Date of Dispute.	
				Directly.	Indirectly.	Beginning.	End.
	ENGLAND—continued.					Brick, Glass,	
80	Rowley Regis	1	Kiln Carriers, Setters, <i>Pipe Makers and Labourers.</i>	54	215	10 Sept.	18 Sept.
73	Stourbridge	1	Flint Glass Makers ...	49	...	2 July	—
99	(near) Swadlinote ...	1	Sanitary Pressers and <i>other workpeople.</i>	48	54	12 Dec.	4 Jan.*
83	Tamworth ...	2	Brickmakers ...	109	...	30 Aug.	17 Nov.
	SCOTLAND.						
66	Armadale ...	1	Brickmakers ...	38	...	2 Aug.	2 Aug.
96	Glasgow ...	7	Stoneware Throwers, and <i>Burchers.</i>	70	70	18 June	21 Nov.
	IRELAND.						
72	Cork ...	1	Labourers, Carters, &c. ( <i>Manure and Chemical Works</i> ).	64	...	30 Aug.	25 Sept.
	ENGLAND.					Food and	
6	Leicester ...	1	Cigar Makers ...	23	2	15 Jan.	2 Feb.
26	London ...	Not stated	Bakers ...	200	...	14 Apr.	—
28	London ...	40	Bakers (Jewish) ...	150	...	19 Apr.	4 July
114	Newcastle-on-Tyne.	—	Bakers and Confectioners.	69	...	22 Dec.	—*
117	Swansea ...	1	Labourers ( <i>Grain Workers</i> ).	206	50	9 Aug.	8 Sept.
	SCOTLAND.						
102	Buckie ...	3	Bakers ...	13	...	17 Dec.	17 Dec.
	IRELAND.						
78	Midleton (Co. Cork)	1	Carters and Labourers ( <i>Flour Mills</i> ).	27	...	8 Sept.	17 Sept.
79	Midleton (Co. Cork).	1	Maltsters ...	12	...	13 Sept.	—

\* 1901.



*refer to the Workpeople indirectly affected.]*

Cause or Object	Result
<b>Pottery, Chemicals, &amp;c.—continued.</b>	
For advance in wages... ..	Advance granted.
For payment of current rate of wages on completion of apprenticeship.	Work resumed at advanced wages.
Against discharge of a colleague ... ..	Work resumed; case of dismissed workman to be afterwards considered, he being allowed to resume work after a caution.
For advance in wages of 10 per cent. ... ..	Work resumed at old rates.
For advance in wages... ..	Work resumed at old rates.
For abolition of deduction of 12½ per cent. from piecework wages for use of steam power.	Deduction reduced to 7½ per cent., conditional on removal of restrictions as to employment of Englishmen, apprentices, &c.
For advance in wages of 2s. per week—advance of 1s. refused.	Advance of 1s. per week granted.
<b>Tobacco Manufacture.</b>	
Against proposed reduction in wages ... ..	A slight reduction agreed to on two classes of work.
For establishment of minimum rate of wages of 27s. per week of 60 hours in shops, and other improvements in working conditions.	Most of the men obtained work at the rate asked for.
For advance in wages and other improvements in working conditions.	Dispute referred to arbitration, resulting in modified alterations being decided upon.
For reduction in hours from 57 to 54 per week, minimum rate of wages of 30s. per week, and time and a half for overtime.	Demands generally granted.
Refusal to work with non-union men who had gone in during a strike, and to enforce recognition of union.	Work resumed after negotiation by union officials, with whom grievances were subsequently discussed by firm.
To obtain employers' signature to working rules	Employers signed the rules.
For advance in wages of 2s. per week; advance of 1s. refused.	Advance of 1s. per week granted.
For advance in wages from 16s. 6d. to 18s. per week.	Places of strikers filled by other workpeople.

## 72 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality	No of Works.	Occupation [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected		Date of Dispute		
				Direct- ly.	Indi- rectly.	Begin- ning	End.	
ENGLAND.								Other
18	Dewsbury(near)	1	Curriers ... ..	21	...	15 Feb.	19 Feb.	
77	Huddersfield ...	1	Navvies ... ..	29	...	4 Sept.	12 Sept.	
13	Leeds and Hull	1	Telephone Wiremen, Labourers, &c.	200	...	22 Feb.	24 Feb.	
10	Liverpool ...	1	Telephone Wiremen, Labourers, &c.	180	...	22 Jan.	27 Jan.	
100	London, E.C. ...	1	Vulcanite Turners ...	33	...	1 Oct.	—	
29	Manchester ...	10	Harness Makers ...	53	...	23 Apr.	— June	
32	Manchester ...	1	Concreters and La- <i>bourers.</i>	12	34	28 Apr.	23 July	
47	Maryport ...	1	Tanners and Labourers	72	...	18 June	30 June	
19	Middlesbrough	1	Excavators and La- bourers (Dock Ex- tension Works).	125	...	12 Mar.	13 Mar.	
33	Newport ...	1	Gas Stokers and Coal Wheelers.	34	...	28 Apr.	—	
1	Southampton	1	Labourers (Tramway Constructon).	190	...	11 Jan.	13 Jan.	
60	Swansea ...	1	Labourers (Dock Con- struction).	90	...	21 July	25 July	
IRELAND.								
24	Waterford ...	1	Navvies and Masons (Railway Extension).	76	...	2 Apr.	7 Apr.	
ENGLAND.								Employees of
84	Barnsley ...	1	Labourers (Highways Department.)	57	...	6 Sept.	19 Nov.	
46	Birmingham ...	1	Bricklayers and La- <i>bourers.</i>	85	19	11 June	—	
54	Blackburn ...	1	Highway and Tram- way Labourers.	164	...	12 July	21 July	
25	Epsom ...	1	Plasterers and Plas- <i>terers' Labourers.</i>	73	48	12 Mar.	17 Mar.	
113	Gatehead ...	—	Paviors and Labourers	12	4	7 June	7 July	
87	London ...	1	Stonemasons ... ..	28	...	11 Sept.	14 Sept.	
111	London ...	—	Plumbers and Plumb- <i>ers' Mates.*</i>	20	20	14 Dec.	24 Jan.†	

\* Demarcation dispute between different classes of workpeople.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Trades.</b>	
For advance in wages of 1s. per week ... ..	Advance granted.
For advance in wages from 6d. to 6½d. per hour on special class of work.	Work resumed at old rate of wages.
For advance in wages of 2s. per week, and recognition of trade union.	Employers' representatives met union officials, and granted the advance to 160 men.
Against stoppage of payment for time lost through wet weather.	Men's demands granted.
Dispute as to alleged unsatisfactory work ...	Men's places filled up.
For advance in wages of 2s. per week on time rates, with corresponding increase in piece rates, and reduction in hours from 54 to 53 per week.	Immediate advance of 1s. per week, with promise of further 1s. in March, 1901; hours to remain as before.
Refusal to work with a man who had ceased paying contributions to trade union.	Man agreed to pay arrears of contributions to union
For advances in wages of 2s. to 4s. per week.	Most of the workpeople resumed work on old terms.
For advance in wages from 5½d. to 6½d. per hour	Work resumed at old rate of wages.
Dispute as to amount of work to be performed on the introduction of a mechanical stoker.	Places of strikers filled by other work-people.
For advance in wages from 5d. to 5½d. per hour...	Work resumed at old rate of wages.
For advance in wages of ¼d. per hour ... ..	Advance granted.
For advance in wages for navvies from 3½d. to 5d. per hour, and for masons to a minimum of 38s. per week.	Work resumed on previous terms.
<b>Public Authorities.</b>	
For advance in wages of ¼d. per hour, increase in winter working hours, and payment for time lost through bad weather.	Demand for advance in wages abandoned; amicable settlement arrived at on other points.
For payment of wages on Saturdays to all of their number, about one quarter of the men having hitherto been paid on Fridays.	Work resumed on old conditions by permanent men; work of casual men handed over to a contractor.
For advance in wages.	Work resumed at old rates of wages.
For advance in wages of 1d. per hour (10d. to 11d.)	Demand conceded.
For re-instatement of two men superseded for working overtime with another employer.	Men re-instated.
To compel a fellow-workman to re-join the trade union.	Man agreed to re-join union.
Against employment of fitters and carpenters on certain work claimed by plumbers.	Work resumed on old conditions pending reference to joint Board.

† 1901.

## 74 DETAILED STATEMENT OF LABOUR DISPUTES BEGINNING IN 1900.

[The Cause and Result Columns do not

Of- fice No.	Locality.	No. of Works.	Occupation. [The occupations of the workpeople indirectly affected by the dispute are printed in <i>italics</i> .]	Number of Work- people affected.		Date of Dispute	
				Direct- ly.	Indi- rectly.	Begin- ning.	End
ENGLAND— <i>continued</i> .				Employees of			
27	Woolwich Dock- yard (Ad- miralty.)	1	Labourers (Commis- sariat Department).	287	...	23 Apr.	— Apr.
SCOTLAND.							
88	Dundee	...	1 Paviers and Labourers	10	6	5 Oct.	11 Oct.
110	Dundee	...	— Sett Dressers... ..	15	—	28 Dec.	7 Jan.*
IRELAND.							
11	Dublin	...	1 Dock Labourers	47	...	17 Feb.	20 Feb.

\* 1901.

*refer to the Workpeople indirectly affected.]*

Cause or Object.	Result.
<b>Public Authorities—<i>continued.</i></b>	
On reversion from overtime to normal eight hours' day, men demanded advance in wages from 5½d. to 6d. per hour.	Places of the strikers gradually filled up.
For advance in wages from 7½d. to 8½d. per hour. Against proposed reduction in piecework rate ...	Advance of 1d. per hour granted while constructing new tramway. Work resumed at former rate pending further negotiation which resulted in a modified reduction being eventually decided upon.
In sympathy with men fined for absence from work.	Amount of fines refunded to men.



---

*CONCILIATION AND ARBITRATION.*

---

## I.—TRADE DISPUTES BEGINNING IN 1900 SETTLED

METHODS of SETTLEMENT of the TRADE DISPUTES of 1900  
(involving cessation of work) settled by CONCILIATION and  
ARBITRATION.

Ref. to Page in Detailed Tables.	Trade.	Locality.	Numbers affected.		Method of settlement.
			Di- rectly.	Indi- rectly.	
Building Trades.					
2	Bricklayers and La- bourners.	Newcastle, Gates- head, and Dis- trict.	308	..	By Sir John Taylor, K.C.B., arbitrator ap- pointed under the Conciliation Act, 1896.
2	Bricklayers .. ..	Newcastle, Gates- head, and Dis- trict.	800	300	
2	Painters .. ..	Whitehaven ..	30	..	By arbitration.
4	Bricklayers, Stone- masons, and La- bourners.	Barrow-in-Furness	81	80	By arbitration under the Conciliation Act, 1896.
6	Bricklayers' Labourers and Bricklayers.	Wigan .. ..	120	150	Conference presided over by Mr. C. Wall.
6	Builders' Labourers, Bricklayers, and Plasterers.	Cheltenham ..	200	50	Arbitration of Mr. O. J. Williams, Registrar of the County Court.
8	Painters .. ..	Tamworth .. ..	37	..	By Mr. G. R. Askwith, arbitrator appointed under the Conciliation Act, 1896.
12	Carpenters and Joiners	Aberdeen .. ..	650	..	By ex-Lord Provost Mearns as Umpire.
12	Masons .. ..	Dundee .. ..	420	..	Mediation of the Lord Provost.
12	Painters .. ..	Dunfermline ..	30	..	Conference presided over by Mr. A. S. Cunning- ham.
14	Plumbers .. ..	Paisley .. ..	60	..	Mediation of Mr. D. D. Dickie.
14	Painters .. ..	Perth .. ..	42	..	Arbitration of Sheriff Fyfe.
14	Carpenters and Joiners, and other work- people.	Belfast .. ..	650	300	Arbitration of the Very Rev. Father McMullan.
Mining.					
22	Hewers .. ..	Dowlais .. ..	189	..	By two arbitrators ap- pointed by the Sliding Scale Joint Committee.
22	Miners .. ..	Dowlais .. ..	72	..	
24	Hauliers and other Colliery workpeople.	Swansea (near) ..	40	200	Referred to and settled by Sliding scale Joint Committee.
24	Coal Hewers .. ..	Tondu .. ..	15	..	
26	Miners and Boys ..	Ystalyfera .. ..	89	..	By two arbitrators.
26	Coal Miners and On- cost Workers.	Denny (near) ..	205	76	By two arbitrators.
28	Coal Miners and other workpeople.	Hamilton .. ..	600	90	Mediation of the Provost of Hamilton.
28	Iron Ore Miners ..	Dalton-in-Furness	375	..	Negotiations under the Conciliation Act, 1896.
Tinplate Manufacture.					
40	Tinplate Makers ..	Morriston .. ..	300	..	By arbitration. Three representatives for each side.



## CONCILIATION AND ARBITRATION.

METHODS of SETTLEMENT of the TRADE DISPUTES of 1900  
(involving cessation of work) settled by CONCILIATION and  
ARBITRATION—*continued.*

Ref. to Page in Detailed Tables.	Trade.	Locality.	Numbers affected.		Method of settlement.
			Di- rectly.	Indi- rectly.	
	Textile Trades.				
46	Cardroom Operatives and other work-people.	Wigan .. ..	1,291	3,445	Mediation of Mr. C. Wall.
	Transport.				
60	Dock Labourers (Grain Workers, &c.).	Bristol, Portishead, and Avonmouth.	1,500	400	Arbitration Board constituted to which matters in dispute were referred
60	Harbour Lightermen and Stevedores' Labourers.	Hull .. ..	150	150	By arbitration.
60	Coal Heavers .. ..	Southampton ..	500	..	Mediation of Mr. G. T. Harper, J.P.
62	Tram Drivers and Conductors.	Ashton-under-Lyne, Denton, Hyde, and Oldham.	74	..	By Mr. G. R. Askwith, arbitrator appointed under the Conciliation Act, 1896.
64	Railwaymen .. ..	Taff Vale .. ..	1,200	..	Mediation of Sir W. T. Lewis.
	Woodworking.				
66	Sawmill Labourers, Sawyers, and Planing Machinists.	West Hartlepool ..	68	49	Mediation of the Mayor of West Hartlepool.
	Pottery Trade.				
70	Stoneware Throwers and Burchers.	Glasgow .. ..	70	70	Mediation of a Committee appointed by Glasgow Trades Council.
	Food Trade.				
70	Bakers (Jewish) ..	London .. ..	150	..	By arbitration.
	Local Authorities.				
72	Plumbers and Plumbers' Mates.	London .. ..	20	20	Referred to Joint Conciliation Board.

II.—WORK OF PERMANENT CONCILIATION

TABLE summarising the WORK of PERMANENT BOARDS OF CONCILIATION AND ARBITRATION during 1900.

Board.	Number of Cases in 1900 reported as			Number of Cases settled during 1900		
	Con- sidered by Board.	With- drawn or other- wise settled inde- pendently of Board.	Still under con- sideration at end of 1900.	By Con- ciliation	By Arbit- ration.	Total.
TRADE BOARDS.						
Building Trades.						
Newcastle-on-Tyne house painters ..	2	..	..	2	..	2
Sunderland house painting .. ..	1	..	1	..	..	..
Middlesbrough builders' labourers ..	1	1	..	..	..	..
Birmingham Building Trades Standing Committee.	7	1	..	6	..	6
Brierley Hill bricklayers .. ..	1	..	..	1	..	1
Leicester plumbers .. ..	5	..	1	4	..	4
London bricklayers .. ..	1	..	..	1	..	1
London carpenters and joiners .. ..	2	..	1	1	..	1
London plumbers .. ..	1	..	1	..	..	..
Reading and district .. ..	2	..	..	2	..	2
Falkirk bricklayers .. ..	1	..	..	1	..	1
Falkirk carpenters and joiners .. ..	1	..	..	1	..	1
Dundee joiners .. ..	2	..	..	2	..	2
Dundee plumbers .. ..	2	..	..	2	..	2
Mining and Quarrying.						
Northumberland Conciliation Board ..	4	..	..	2	2	4
Northumberland Joint Committee ..	112	54	7	36	15	51
Durham Conciliation Board .. ..	7	..	1	6	..	6
Durham Joint Committees .. ..	650	456	..	128	66	194
Cumberland .. ..	6	..	..	6	..	6
West Yorkshire .. ..	19	3	12	4	..	4
Federated Districts .. ..	2	..	..	2	..	2
South Staffordshire and East Worcester- shire.	1	..	..	1	..	1
South Wales and Monmouthshire Sliding Scale.	6*	..	2	2	2	4
Scotland .. ..	4	1	..	3	..	3
West Lothian† .. ..	6	..	5	1	..	1
Cleveland (iron) .. ..	6	..	..	..	6	6
Cumberland (limestone quarrying) ..	1	..	..	..	1	1
Iron and Steel Trades.						
Cleveland blastfurnacemen .. ..	4	1	..	2	1	3
West Cumberland blastfurnacemen ..	10	1	..	9	..	9
Midland iron and steel .. ..	4	..	..	4	..	4
South Wales iron and steel .. ..	1	..	1	..	..	..
Scottish pig iron .. ..	1	..	..	..	1	1
Scottish manufactured iron .. ..	6	3	1	2	..	2
West of Scotland steel .. ..	3	2	..	1	..	1
Engineering and Shipbuilding.						
Tyne and Wear boilermakers .. ..	4	..	1	3	..	3
Tyne shipwrights and joiners .. ..	1	..	..	1	..	1
Tyne Shipbuilding Demarcation Board ..	31	1	..	2	28	30
Tees and Hartlepool platers and platers' helpers.	6	..	..	6	..	6
Tees boilermakers .. ..	20	6	..	14	..	14
Stockton and Hartlepool shipwrights and joiners.	9	2	..	7	..	7
Middlesbrough shipwrights and joiners ..	2	..	..	2	..	2
Birkenhead shipwrights and joiners ..	9	..	..	3	6	9
Clyde shipwrights and joiners .. ..	35	3	..	32	..	32

\* Individual cases reported to the Board. A complete return has not been received.  
† Established November 5th, 1900.

## AND ARBITRATION BOARDS.

TABLE summarising the WORK of PERMANENT BOARDS of CONCILIATION AND ARBITRATION during 1900.

Board.	Number of Cases in 1900 reported as			Number of Cases settled during 1900		
	Con- sidered by Board.	With- drawn or other- wise settled inde- pend- ently of Board.	Still under con- sidera- tion at end of 1900.	By Concil- iation.	By Arbi- tration.	Total.
<b>TRADE BOARDS—continued.</b>						
<b>Other Metal Trades.</b>						
South Staffordshire bolt and nut..	1	..	..	1	..	1
Brass foundry .. .. .	1	..	..	..	1	1
Gas and electric light fittings ..	11*	..	1	9	1	10
Water, steam, and beer fittings ..						
Tinplate trade .. .. .						
<b>Wages Boards in connection with alli- ances in the following trades:—</b>						
Fender and fire brasses .. .. .	1	..	..	1	..	1
Metal .. .. .	1	..	..	1	..	1
<b>Boot and Shoe Trade.</b>						
Leeds .. .. .	11	..	..	8	3	11
Birmingham .. .. .	1	..	..	1	..	1
Leicester .. .. .	21	6	1	10	4	14
Anstey .. .. .	1	..	..	1	..	1
Hinckley .. .. .	13	3	6	4	..	4
Northampton lasters and finishers ..	18†	..	..	13	5	18
London machine-sewn .. .. .	46	13	2	30	1	31
London sew-round .. .. .	1	..	..	1	..	1
Glasgow .. .. .	16	..	3	10	3	13
East of Scotland .. .. .	19	5	1	6	7	13
<b>Tailoring Trades.</b>						
Manchester .. .. .	1	..	..	1	..	1
Aberdeen .. .. .	12	..	..	12	..	12
<b>Dock and Riverside Labour.</b>						
Bristol corn porters .. .. .	2	..	1	..	1	1
Bristol dock labourers .. .. .	2	..	..	1	1	2
Cardiff, Penarth and Barry coal trimmers	6	..	..	6	..	6
Dundee dock labourers .. .. .	3	..	..	3	..	3
<b>Total Trade Boards .. .. .</b>	<b>1,186</b>	<b>562</b>	<b>49</b>	<b>420</b>	<b>155</b>	<b>575</b>
<b>GENERAL BOARD.</b>						
Trade Unionists and Co-operators ..	1	..	..	1	..	1
<b>DISTRICT BOARDS.</b>						
London .. .. .	3	1	..	..	2	2
<b>Grand Total .. .. .</b>	<b>1,190</b>	<b>563</b>	<b>49</b>	<b>421</b>	<b>157</b>	<b>578</b>

\* Individual cases reported to the Board. A complete return has not been received.  
† For the period April 1st, 1900–March 31st, 1901.

## BOARDS OF CONCILIATION AND ARBITRATION IN 1900.

### III.—WORK OF TRADE BOARDS.\*

#### BUILDING TRADES.

##### ENGLAND.

*Newcastle-upon-Tyne and District House-painters' Board of Conciliation.*—This Board considered and disposed of two cases during 1900 respecting alleged infringements of working rules; they were both settled without strikes.

*Board of Conciliation for the House-painting Trade of Sunderland.*—The only case before the Board was one which was pending at the end of 1899 and still remained unsettled.

*Middlesbrough Master Builders' and Builders' Labourers' Conciliation Board.*—One case was considered arising out of a threat on the part of the labourers' union to withdraw their men unless certain other men joined the trade union. It was, however, found that this proposal involved an alteration of rules, of which three months' notice must be given, and consequently the Board was unable to deal with the case. No stoppage of work ensued.

*Birmingham Building Trades Standing Committee.*—Seven cases, stated to be all of a trivial nature, were submitted to this Committee: four relating to carpenters, two to bricklayers, and one to plasterers. In six of these cases a satisfactory settlement was arrived at.

*Brierley Hill Standing Committee of Employers and Bricklayers.*—One case, remaining over from the previous year, was disposed of by this Board.

*Joint Standing Committee of Conciliation of the Leicester Master and Operative Plumbers.*—Five cases were submitted to the Board, four of which related to apprenticeship rules. These were settled. One case of demarcation remained unsettled.

*London Master Builders and Bricklayers' Conciliation Board.*—This Board had only one question submitted to it—whether roof tiling should be done by tilers or bricklayers. It was decided "that it shall be left to the employer to elect whether he shall employ bricklayers or tilers to do roof tiling."

*London Carpenters and Joiners' Conciliation Board.*—Two cases were considered by the Board, of which one was referred back. The other was a claim by the carpenters and joiners that the fixing of battens for slates and tiles in the London district is carpenters' work. The Board decided unanimously in favour of the carpenters' claim, it being clearly understood (a) that no objection will be raised to master slaters and master tilers fixing the battens, so long as carpenters are employed upon its execution; (b) that no objection will be raised to slaters and tilers giving the gauge; (c) that no action will be taken by the carpenters as regards existing contracts.

*London Plumbers' Conciliation Board.*—One case, arising out of a demarcation dispute, was submitted to this Board and remained unsettled at the close of the year.

*Conciliation Board for the Building Trades of Reading and neighbourhood.*—This Board considered and disposed of two cases during 1900. The secretaries have reported as follows:—

"The carpenters and joiners, plumbers and bricklayers, demanded an increase of 1d. per hour in wages and certain alterations in the working rules, notices expiring on 1st May, 1900. The matter was considered at three

\* For the work of organisations which do not come exactly within the limits of what is ordinarily known as a Conciliation Board, see p. liv.

meetings of the Board, and an increase in wages of  $\frac{1}{4}$ d. per hour was agreed to, and a compromise effected with respect to the working rules, which in their amended form came into force on 1st May, 1900.

"The labourers desired a code of working rules, which was agreed to after having been debated at three meetings of the Board. A rise in wages of  $\frac{1}{4}$ d. per hour was also granted, coming into effect on 16th June, 1900."

## SCOTLAND.

*Edinburgh and Leith Plasterers' Conciliation Board.*—No cases of importance were brought under the notice of the Board, but a number of minor cases were settled.

*Falkirk and District Joint Committee of Employers and Bricklayers.*—One case was submitted to this Committee. The Master Builders' Association gave notice of a proposed reduction in wages of  $\frac{1}{4}$ d. per hour, the abolition of travelling money, and the alteration of date of agreement from 1st June to 1st March. As the Masters' Association declined to sign an agreement prepared by the bricklayers, which did not contain these modifications, by the 1st June (when the agreement expired) the bricklayers came out on strike on that date. After a period of one month the Masters' Association agreed to accept the bricklayers terms.

*Board of Conciliation for the Falkirk Carpenters and Joiners.*—Only one case was submitted to this Board. It related to wages, and was amicably settled.

*Dundee Joiners' Board of Conciliation.*—Two disputes respecting allowances for travelling time, &c., were brought before this Board and settled.

*Dundee Plumbers' Board of Arbitration.*—Two cases, relating to the employment of apprentices, were submitted to this Board and amicably settled.

## COAL MINING.

## ENGLAND AND WALES.

*Board of Conciliation for the Coal Trade of the County of Northumberland.*—Four cases were submitted, two of which were dealt with by the Board and two by an umpire. The Board only deals with general county wages questions, and at each of the quarterly meetings an advance of wages was granted, the amounts of such advances being 5 per cent., 10 per cent.,  $12\frac{1}{2}$  per cent., and  $8\frac{1}{2}$  per cent., respectively. At the beginning of the year wages were 25 per cent. above the basis; these advances brought them up to  $61\frac{1}{2}$  per cent. above the basis.

*Joint Committee of the Northumberland Coal Owners' and Miners' Associations.*—(1.) MINERS.—The questions dealt with by this Joint Committee refer to individual collieries and not to "county questions."

Six meetings were held in 1900. The minutes of these meetings have been received by the Department, and from them the following summary has been prepared.

One hundred and eighteen questions are referred to in the minutes of the Committee. In six of these the Committee simply confirmed agreements which had been arranged independently. The remaining 112 cases were disposed of as follows:—Forty-eight cases brought forward by the men and six by the owners were withdrawn, moved off the Committee, or settled independently. Thirty-four cases submitted by the men and two submitted by the owners were settled by the Committee.

Seven cases submitted by the men and eight by the owners were settled by arbitrators.

Seven cases were still pending at the end of the year.

None of the questions dealt with, so far as is known to the Department, actually culminated in a strike or lock-out.

The following are examples of workmens' applications granted or settled by the Committee:—

For compensation to a certain man for loss of gear through place closing ;  
Application for  $2\frac{1}{2}$ d. per ton advance on round coal, on coal worked at a certain part, as per agreement, and that all back money be paid ;

- For a certain man idle through sickness to be paid his rent ;
- For certain boys, employed underground, to be paid standard wage ;
- For rate of 1s. 2d. per ton on whole of a certain seam to be confirmed ;
- For a certain man to be compensated for loss of a day's work through overman ordering him home because he refused to cast his clay without extra pay for it, the way not being laid into his place ;
- For a certain man to be paid the sum that he has been paid short, for putting two shifts ;
- For a certain hand-putter to be paid rent, according to the custom of colliery.

The following are some of the cases in which the workmen's applications were not acceded to, or were granted with modifications :—

- For decision on dispute regarding cavil in a certain part (the place should not have been cavilled, but parties are recommended to agree upon the whole price to be paid) ;
- For certain men to be compensated for loss of shift incurred through no notice having been given to use bull-dog powder on a certain day (to be paid one-third of a shift) ;
- Certain men claim 4d. per ton extra for working gateway next solid in a certain part of a seam (to be paid 4d. per ton extra for one week, as overman had promised it to them) ;
- For compensation to certain men for having to drive their bargain six yards wide, instead of four yards, the width at which it was let at (to be paid consideration at the rate of 6d. per shift worked during two specified pays).

(2.) **MECHANICS.**—The Mechanics' Joint Committee did not meet during 1900.

*Board of Conciliation for the Durham Coal Trade.*—Seven cases were considered by this Board in 1900, six of which were disposed of and one remained under consideration at the end of the year. At each of the quarterly meetings of the Board an advance in the general county rate of wages was granted, the amounts of these advances being 5 per cent., 7½ per cent., 8½ per cent., and 10 per cent., respectively. At the beginning of the year wages were 33½ per cent. above the basis; these advances brought them up to 65 per cent. above the basis. Other cases dealt with by the Board referred to houses and rent for miners and for mechanics. The rules of the Board provide that an umpire shall be annually appointed in November, and in accordance therewith Lord Davey was reappointed to the position.

*Joint Committee of the Durham Coal Owners and Miners' Associations.*—This Committee held 23 meetings in 1900, at which 589 cases were dealt with; of these, 430 were brought forward by the men and 159 by the owners. The Committee decided 112 cases, 80 were withdrawn or passed over, 32½ were settled by agreement, 10 were otherwise settled, and 58 were referred to arbitration; the remaining five cases were considered as outside the jurisdiction of the Committee.

*Joint Committee of the Durham Coal Owners and Cokemen's Associations.*—There were seven meetings of this Committee, at which 50 cases were dealt with, 39 being brought forward by the men and 11 by the owners. Of these, the Committee decided eight, nine were withdrawn or passed over, 25 were settled by agreements, and eight were referred to arbitration.

*Joint Committee of the Durham Coal Owners' Association and the Durham Colliery Mechanics' Association.*—Four meetings of this Committee were held, at which four cases were considered, two of which were brought forward by the men and two by the owners. One case was held to be outside the Committee's jurisdiction, one was withdrawn or passed over, and the remaining two were decided by the Committee.

*Joint Committee of the Durham Coal Owners' Association and the Durham County Enginemens' Association.*—Six meetings of this Committee were held, and seven cases were considered. Six of these were decided by the Committee, and one case was withdrawn or passed over.

*Board of Conciliation and Arbitration for the Cumberland Coal Trade.*—Six cases were dealt with by this Board in 1900. All underground workmen

were granted an advance of 10 per cent. on February 26th, independent of the advances agreed to by the Miners' Federation.

*West Yorkshire Coal Trade Joint Committee.*—Nineteen cases, two of which had been before the Committee in 1899, were considered in 1900. Of these, four were decided by the Committee, three were settled independently, and twelve remained undecided at the end of the year. Three of the cases involved strikes

*South Yorkshire Coal Trade Joint Committee.*—No return of the proceedings of this Joint Committee was received.

*Board of Conciliation for the Coal Trade of the Federated Districts.*—Two meetings of the Board were held in 1900. At the first, held on January 16th, the following resolutions were unanimously adopted :—

1. That in consideration of the Agreement for the continuance of the Conciliation Board from the 1st January, 1901 (the date of the expiration of the present arrangement) for a further period of three years, with the present minimum and an increased maximum to 60 per cent. on the 1888 standard, the present rate of wages to underground labour be increased as from the first making-up day in January, 1900, by five per cent. on the standard, and that the advance as from that day shall be paid on the first pay day after this date.

2. That for a period of three years from the 1st January, 1901, the date of the expiration of the present arrangement, the rate of wages shall not be below 30 per cent. above the standard rate of wages of 1888, the present minimum, nor more than 60 per cent. above the standard rate of wages of 1888.

3. That during that period the rate of wages for underground labour shall be determined by the Conciliation Board within the above-named limits.

4. That the Conciliation Board as at present constituted, and under its present rules of procedure, shall be continued for this purpose from the 1st January, 1901, to the 1st January, 1904.

The Board of Conciliation recommend that the advance of five per cent. on the 1888 rates as from the first making-up day in January shall extend to the wages of surface labour engaged on the pit banks and screens manipulating the coal, and be paid on the first pay day after this date.

At the second meeting, on August 10th, the following further resolutions were unanimously adopted :—

"That the resolution of the Board, according to which an advance of fifteen per cent. on the standard of 1888 might be applied for on the 1st day of January, 1901, be varied as follows :—Five per cent. of the advance to be anticipated and paid as from the first making-up day in October next; five per cent. as from the first making-up day in January, 1901; and five per cent. as from the first making-up day in February, 1901.

"That the above resolution applies to the wages of surface labour engaged on the pit banks and screens in manipulating the coal."

*South Staffordshire and East Worcestershire Coal Trade Wages and Conciliation Board.*—At a joint meeting of the Board, held at the Trindle House, Dudley, on the 21st September, 1900, it was unanimously resolved—"That 5 per cent. advance on the 1888 standard be made on the 1st October next to colliers and "surface labour engaged on the pit banks and screens in manipulating coal; a "further advance of 5 per cent. on the 1st January, 1901; and a third advance "of 5 per cent. on the 1st February, 1901."

*Monmouthshire and South Wales Sliding Scale Joint Committee.*—A number of questions were referred to the Committee during the year, but no official return of the work of the Committee has been furnished to this Department.

#### SCOTLAND.

*Board of Conciliation for the Regulation of Wages in the Coal Trade of Scotland.*—At a meeting of the Board on 18th January it was agreed to advance miners' wages on 1st February, for three months, 18½ per cent. on the 1888 basis, equal to 9d. per day, making the nominal wage in Lanarkshire 7s., being the maximum under the arrangement made in the previous July. Three meetings were held to make arrangements for the continuation of the Board after 1st August, and on 31st July it was arranged to continue the Board for one year from 1st August, the minimum wage being increased from 31½ per cent. to 37½ per cent., and the maximum from 75 per cent. to 100 per cent. above the 1888 basis. It was further agreed that wages should be advanced 25 per cent. to the maximum, making the nominal wage in Lanarkshire 8s. per day—the wages so fixed to continue till 1st February, 1901. In May a majority of miners in Lanarkshire inaugurated an eight hours' day, which the masters held was a

breach of the wages agreement then current. Two meetings were held between representatives of the colliery owners and the miners, but without any arrangement on the subject being arrived at—the masters refusing to recognise the eight hours' day. The miners, however, agreed to work eleven days per fortnight, instead of ten, which to some extent mitigated the additional cost caused by the shorter day worked.

*West Lothian District Local Conciliation Board.*—This Board came into operation on November 5th, 1900, and was formed for the purpose of adjusting all differences, other than general advances or reductions of wages, with the miners and other workmen at any of the collieries of the members of the West Lothian District Coal Masters' Association. Four meetings of the executive committee were subsequently held, at which an agreement was arrived at with respect to the oncost rates to be paid in certain collieries. Five questions remained under consideration at the end of the year.

### IRON MINING.

*Joint Committee of the Cleveland Mine Owners and Miners.*—Six cases were brought before this Committee and disposed of in 1900.

### QUARRYING.

*Board of Conciliation and Arbitration for the West Cumberland Limestone Trade.*—Notice was given by the workmen on May 1st for advances in wages as follows:—Breakers and fillers, 1d. per ton; borers (roda), 1½d. per foot; borers (pops), 1½d. per foot; daymen, 1s. per day. On July 11th the Board awarded—Breakers and fillers, ½d. per ton; borers, ½d. per foot; daymen, 3d. per day; to continue to end of year.

### IRON AND STEEL TRADES.

#### ENGLAND AND WALES.

*Joint Committee of the Cleveland Ironmasters and Blastfurnacemen.*—Four cases were referred to the Committee in 1900. Of these, one was withdrawn, or settled independently, two were decided by the Committee, and one by arbitrators.

*West Cumberland Ironmasters' and Blastfurnacemen's Joint Committee.*—Ten cases were referred to the Committee during the year, one of which was withdrawn. In one of the cases the masters claimed to take off the 5 per cent. conditional advance given to the workmen in 1898. It was agreed to take off 2½ per cent. as from 1st January, 1901, the remaining 2½ per cent. to come off when prices of warrants are between 50s. and 52s. In another case the workmen claimed that all weighmen should have a uniform standard rate of 3s. 6d. per shift, and be regulated by the sliding scale. In the result it was agreed to recommend to employers that the rates for weighmen be from 3s. 10d. to 4s. 2d., it being understood that weighmen are part of the office staff, and not under the sliding scale.

*Board of Conciliation and Arbitration for the Manufactured Iron and Steel Trade of the North of England.*—The secretary reports that during last year the Standing Committee had not a single case to deal with.

*Midland Iron and Steel Wages Board.*—Four cases at particular works were dealt with by the Standing Committee of this Board. The first was an application by the employers and operatives for the assistance of the Committee in fixing a tonnage rate in lieu of day wages for certain processes. The Committee pointed out that there was no standard wage for such work, and held that each case must stand upon its own merits as to output and conditions of work; the manager and his workmen should endeavour to settle the rates, failing which the two secretaries and vice-chairmen should investigate the conditions and assist in a settlement. The matter was subsequently settled to the satisfaction of both parties. In another case the puddlers claimed 6d. per ton extra for making "Lion" iron, and 6d. per ton for "doubling fours." It was shown that when the works were started in 1882 an agreement was made for an "all round"



price, and that the same conditions obtained in 1839, when the sliding scale was established. Having regard to previous decisions fixing the principle that no change in the basis rate of wages could be made during the currency of the sliding scale, unless there were some changes in the conditions of the work, it was urged that the application could not be maintained, and the claim was ultimately abandoned. In a third case a similar claim was made, which was also ultimately abandoned. In a further case operatives employed on heating and rolling bars for tube rolling claimed to be paid for certain bars which had been rejected, alleging that the material was at fault, and not the workmanship, the employers on the other hand contending that the iron was spoilt by burning and bad workmanship. After investigation it was decided that the unusual waste was accidental, and that no actual neglect had occurred on either side, and it was recommended that the claim be withdrawn and that both employers and workmen endeavour to prevent the recurrence of the unusual waste.

During the year the employers and operatives in the South Wales Sheet Trade, who are conducting their business under the Midland Sheet Mill Wages Schedule, have been affiliated with this Board. Rules have been drawn up, and a Welsh Committee formed.

*South Wales Iron and Steel Wages Board.*—Only one case of importance arose, and remained unsettled at the end of the year. Several minor disputes occurring at the various works had, however, been settled by the Employers' and Workmen's Representatives without the intervention of the Board.

## SCOTLAND.

*Board of Conciliation for the Regulation of Wages in the Pig Iron Trade of Scotland.*—The only case brought before the Board related to the interpretation of the sliding scale; it was settled by an arbitrator.

*Scottish Manufactured Iron Trade Conciliation and Arbitration Board.*—Six cases were considered by the Board in 1900, including one which was under consideration at the close of the previous year. Two of these—a complaint by employers that pig wheelers refused to continue to stock swarf furnace, or to allow reduction in rate if relieved of it, and a claim by underhand rollers for increased rates—were settled by the sub-committee. A complaint by an employer "that operatives had given collective notice to terminate engagement in consequence of dispute with pig wheelers" was settled by the notices being withdrawn, the question of pig wheelers' rates being referred. A complaint by an assistant shingler that a stranger had been appointed to a vacancy as principal shingler was dropped, and a claim by mill furnacemen "for alteration in system of working" was remitted back to the works. One case remained in abeyance at the end of the year.

*Board of Conciliation and Arbitration for the Manufactured Steel Trade of the West of Scotland.*—Three cases were referred to this Board during the year, one of which was allowed to drop. A claim by the operatives for an advance of wages was held to be unwarranted, and a claim by the employers for a reduction was agreed to.

## ENGINEERING AND SHIPBUILDING.

## ENGLAND.

*Tyne and Wear Joint Committee of Employers and Boilermakers and Iron Shipbuilders.*—Four cases were submitted to the Committee, three of which were decided and one remained under consideration at the end of the year.

*Tyne Shipwrights, Joiners and Employers' Standing Committee for the Demarcation of Work.*—Only one case was submitted to the Committee, and this was decided in favour of the shipwrights.

*Tyne Shipbuilding Demarcation Board.*—Five meetings of the Board were held during the year at which 31 questions as to demarcation of work were discussed. Of these two were settled by the Board, 16 were decided by the chairman at the request of the Board, 12 by referees appointed by the Board, and one was withdrawn. Of the cases considered, 21 arose out of questions in which the shipwrights were concerned 19 of these being disputes with smiths,

one with mill-sawyers, and one with boilermakers. The remaining 16 related to work claimed by the Amalgamated Society of Engineers and the Co-operative Smiths' Society respectively.

*Tees and Hartlepool Platers and Platers' Helpers' Reference Board.*—Five cases were brought before this Board and settled in 1900.

*Tees Joint Committee of Employers and Boilermakers and Iron Shipbuilders.*—Twenty cases were referred to the Board. Of these, two were under consideration at the end of the previous year, six were withdrawn or settled independently, and fourteen were decided by the Committee.

*Joint Committee of Employers, Shipwrights and Joiners, for the Demarcation of Work at Stockton-on-Tees and Hartlepool.*—Nine cases were brought before the Board, of which two were withdrawn or settled independently. Of the remaining seven cases, six were decided in favour of the joiners and one in favour of the shipwrights.

*Shipwrights, Joiners and Employers' Board for Demarcation of Work in connection with the Associated Yards at Middlesbrough.*—Two cases were referred to the Board, one of which was settled in favour of the joiners, and the other in favour partly of the joiners and partly of the shipwrights.

*Birkenhead District Standing Committee of Shipwrights, Joiners and Employers for Demarcation Work.*—Nine cases were submitted, three of which were settled by the Committee and six by arbitrators.

#### SCOTLAND.

*Clyde Standing Committee of Shipwrights, Joiners and Employers for the Demarcation of Work.*—Thirty-five cases were brought before the Board, of which one was brought forward from the previous year. Three of these cases were withdrawn, referred back, or settled independently, and 32 were settled by the Board. Ten of the cases were reconsiderations of previous decisions, in accordance with the terms of the Board's rules. None of the cases involved strikes or lock-outs.

### OTHER METAL TRADES.

#### ENGLAND AND WALES.

*South Staffordshire Bolt and Nut Trade Wages Board.*—One case, postponed from the previous year, was submitted to this Board, the decision arrived at being "That the rate of wages be advanced by 5 per cent. as from the 1st January, 1900, on all goods made, on the understanding that no further demand for an advance be made during the present year (1900)."

*Conciliation Board of the Brass Foundry Trade.*—One case only was considered during the year by this Board, acting jointly with the Gas and Electric Light Fittings, and the Water, Steam and Beer Fittings Conciliation Boards, and this was referred to an arbitrator. The parties concerned were the National Society of Amalgamated Brassworkers (on behalf of the workmen), and the Master Brassfounders' Association, the Gas and Electric Light Fittings Masters' Association, and the Water, Steam and Beer Fittings Masters' Association (on behalf of the masters). Nine proposals were submitted to the arbitrator by the workmen, and three by the masters. With regard to two of the proposals submitted by the workmen, the arbitrator was desired either entirely to reject or fully to admit such proposals, but as regards the remaining seven he was desired to exercise full discretion, to admit wholly or reject wholly, or admit in part only, and further that he might prescribe a period, prior to the expiration of which no change in terms of employment, inconsistent with his award, should be made.

As to the proposals submitted by the workmen, the arbitrator awarded—

1. That the minimum rate per hour of a workman on his attaining 21 years of age shall be fourpence half-penny, and the present bonus of 20 per cent.
2. That no deduction be made for motor or light, but that where such charges are now made the present piecework prices and daywork rates be reduced to an extent equivalent to the charges which cease to be made.

3. That this proposal is disallowed. [No journeyman to employ more than one man, one young person, and one boy.]

4. That this proposal is disallowed. [One boy to four men over 18 years of age to be the proportion of juvenile labour.]

5, 6, and 8. That where workmen are desired by their employers to work more than 54 hours in any week, time and a quarter be paid for overtime to day workers, and in the case of piece workers that the piece-work earning be supplemented by a payment of one-fourth of what they would be rated at per hour if or when working by time.

7. That this proposal be allowed subject, in the case of piece-work, to no single piece of work being left unfinished without the employers' consent. [A week's notice to quit to be given and taken with both piece workers and day workers.]

9. This proposal was not sufficiently defined to justify my making an award thereon. If the parties think it necessary, and will lay before me full information, I will make a supplementary award upon No. 9.

As to the proposals of employers to employees—

(a) That this proposal is disallowed. [That the present bonus be reduced unless it is universally paid.]

(b) That this proposal is allowed, omitting the four concluding words, "if they think fit." [That Employers be at liberty to engage non-Union men, paying them the full bonus if they think fit.]

(c) That this proposal is allowed. [That there shall be no responsibility on the part of Employers to ascertain whether any of their Employees are members of the National Society of Amalgamated Brassworkers.]

I further award and direct that this award shall take effect from the first day of January, 1901, and—

That no change in terms of employment inconsistent with this award be made prior to the first day of January, 1902.

Whilst I cannot limit the freedom of the parties to seek any variation of the terms and conditions of employment after the date for which I make this award binding, I am of opinion that any future variation of the bonus, whether it be by way of increase or reduction, should only be applied to a minimum of four-pence half-penny per hour to the extent of one-half of such increase or reduction, *e.g.*, If the bonus became 25 per cent., it should, for the purposes of the minimum, be 22½ per cent.; if it became 15 per cent. it should, for the purposes of the minimum, be 17½ per cent.

(Signed) DAVID DALE.

Biarritz, December 10th, 1900.

*Cased Tube and Stair Rod Association Wages and Conciliation Board.*—The work of the Board during the year was confined to the adjustment of bonus on wages and adoption of a sliding scale.

*Wages and Conciliation Board of the Fender and Fire Brasses Trade.*—The only case brought before the Board was one which was under consideration at the end of the previous year, and related to the price to be paid for polishing a fender, with regard to which a mutually satisfactory settlement was arrived at.

*Wages and Conciliation Board of the Metal Trade.*—One case was disposed of by this Board in 1900.

*South Wales Tinplate Conciliation Board.*—The Department has not been able to obtain complete details as to the actual number of cases dealt with by this Board during 1900. Information, however, respecting 11 of the more important settlements arrived at by the Board has been received. These included the revision of the price lists worked to by annealers, behinders, risers, and as-sorters; an agreement for the payment of Canada plates under the tinplate scale; the fixing of rates for picklers; and an agreement with regard to output. Certain disputes at individual works which had resulted in a stoppage of work during 1900 were also referred to the Conciliation Board for settlement.

The 11 cases referred to above are included in the table on page 81.

## BOOT AND SHOE TRADE.

## ENGLAND.

*Board of Arbitration and Conciliation for the Boot and Shoe Trade of Leeds.*—Eleven cases were submitted, of which eight were settled by the Board and three by arbitration.

*Birmingham Boot and Shoe Trade Arbitration Board.*—One meeting of this Board was held in regard to the classification of a new style of boot, with the result that an amicable arrangement was arrived at.

*Board of Conciliation and Arbitration for the Boot and Shoe Trade of Leicester.*—Twenty-one cases were considered by the Board, two having been brought forward from the previous year; four of these involved only the classification of samples or materials. One case remained under consideration at the end of the year.

*Anstey Boot and Shoe Trade Arbitration Board.*—One case was considered and settled by this Board during the year.

*Board of Conciliation and Arbitration of the Boot and Shoe Trade of Hinckley and District.*—Thirteen cases were submitted to the Board, of which two remained from the previous year. Twelve of the cases involved only the classification of samples or materials; of these four were settled by the Board and three were withdrawn or settled independently. Six cases remained under consideration at the end of the year.

*Board of Conciliation and Arbitration for the Boot and Shoe Trade (Lasters and Finishers) of Northampton and its Suburbs.*—Eighteen cases were brought before this Board, 13 of these involved classification of samples or materials, nine being settled by the Board and four by arbitration. Of the five remaining cases—none of which were important—four were settled by the Board and one by arbitration.

*London. (1) Machine Sewn Board.*—This Board considered 46 cases during the year. Of these 13 were withdrawn, referred back, settled between the parties, or allowed to drop, whilst two were still pending at the end of the year. Thirty cases were settled by conciliation. No fresh cases were referred to arbitration during the year, but the arbitrator's award on one old case was received. This had reference to the classification of glacé calf, which he decided should be classified and paid for as box calf. The majority of cases settled were questions of classification of particular boots and shoes. One question dealt with was interesting as involving the "Terms of Settlement." The Committee of enquiry decided that the question was outside the competence of the Board, because it

"Arose from a difference of opinion as to whether the quantity of work given out to and required to be done by the workmen employed on weekly wages and working in conjunction with machinery was reasonable or otherwise. This is a question which the Board has no jurisdiction over. Resolution 5 of the terms of settlement expressly excluding this question from the jurisdiction of the Board—the same resolution precludes the Union from raising this question as a dispute."

*(2) Sew Round Board.*—Only one question was dealt with, having reference to the payment of an extra, the Committee of Enquiry of the Board agreeing as to the amount of the same.

## SCOTLAND.

*Board of Arbitration and Conciliation for the Boot and Shoe Trade of Glasgow.*—Sixteen cases were submitted to the Board, some of which had remained over from the previous year. Ten cases were settled by the Board, and three by

arbitration; the other three remained under consideration at the end of the year. The secretary writes that the ten cases dealt with by the Board were mostly disputes as to the rendering of the Glasgow statement of wages, and were due to the introduction of new kinds or dressings of upper leather since the present statement was compiled, a satisfactory arrangement being come to in each case.

With regard to the three cases dealt with by arbitrators—in the first case the workmen claimed an extra when glacé goat boots are bound or beaded in whole or part, while the employers contended that an award which had classed them as No. 3 on statement, covered the boot, whether bound, beaded, or otherwise. The arbitrators decided that "when the leg is bound or beaded it shall be classed as No. 2; when with raw edge linings turned in or slip insertion, it shall be classed as No. 3; no restriction on binding or beading vamps, goloshees, or toe caps in either case."

In the second case the workmen claimed a deduction of 10*d.* per dozen for paring and breasting gents' cycle shoes, while the employers maintained that they remained on statement under No. 6 price 1*s.* 3*d.* The arbitrators decided the deduction should be 11*d.* per dozen.

In the third case a claim was made by No. 2 Branch for a minimum wage for clickers and pressmen, as follows:—34*s.* for clickers, 32*s.* for revolution pressmen and fitters-up, and 30*s.* for pressmen, with time and a quarter for all overtime after the recognised number of hours had been worked. The employers contended that the minimum wage should remain at 27*s.* per week for clickers and 24*s.* for pressmen. The umpire decided that the minimum wages for clickers should be 29*s.* per week, for pressmen 26*s.* The arbitrators decided that time and a quarter should be paid for all overtime. The above decisions to be binding on either side for three years from date of award—9th July, 1900.

None of the cases involved strikes or lock-outs.

*Board of Arbitration and Conciliation for the Boot and Shoe Trade of the East of Scotland.*—Ten new cases were referred to the Board in 1900, six of which involved only the question of classification of samples or materials. Of these 10 cases six were settled by the Board, three withdrawn, and in the other the umpire's award had not been given at the close of the year. In addition, of nine cases which had been under consideration during 1899, seven were settled by an umpire in March, 1900, and two were withdrawn.

## TAILORING TRADE.

### ENGLAND.

*Manchester Board of Conciliation for the Tailoring Trade.*—One case involving a small strike was brought before the Board and settled during the year.

### SCOTLAND.

*Aberdeen Joint Arbitration Committee of Master and Operative Tailors.*—Twelve cases were settled by the Board during the year, none of which were of great importance.

## DOCK AND RIVERSIDE LABOUR.

### ENGLAND AND WALES.

*Bristol Corn Trade Association and Dockers' Union Arbitration Board.*—Since the formation of this Board there have been 26 meetings, at which the conditions of labour and rates of wages have been under consideration, but were not wholly settled at the close of the year. One case had been submitted to the umpire up to the end of the year, consisting of a claim against the Dockers' Union for breach of clause 3 of the memorandum of July 7th, the men having struck on three vessels. The amount claimed was settled by compromise between the Merchants and the Dockers' Union, the umpire having only been called in to decide whether the Dockers' Union caution money fund was liable for damages. His decision was in the affirmative.

*Bristol Dock Labourers' Arbitration Board.*—Two cases were brought before this Board during the year. One was settled by the Board, the other by arbitration.

*Cardiff, Penarth and Barry Coal Trimmers' Standing Committee.*—Six cases were referred to the Committee and decided. Each case dealt with the rate to be paid for trimming the cargoes and bunkers in new types of steamers.

#### SCOTLAND.

*Dundee Dock Labourers' Conciliation Board.*—Three cases were referred to this Board and amicably settled during the year. They involved questions of interpretation of the agreement under which dock labour is regulated at the port of Dundee.

### IV.—WORK OF DISTRICT AND GENERAL BOARDS.

*Joint Committee of Trade Unionists and Co-operators.*—Only one case was referred to this Committee during 1900, and this related to the interpretation to be placed upon certain words in an arbitrator's award given in the previous year.

*London Labour Conciliation and Arbitration Board.*—Excluding the cases in which the services of this Board, though offered, were not accepted by both parties, there remain two cases in which the Board took action. The report of the Board gives the following account of these two cases, in which a settlement was arrived at through its mediation :—

The two cases on which the Board arbitrated arose in the London Cooperage trade, and involved considerable technical detail. In the first the Board had before them a Labour price list which included a large number of items on which the Masters' Association and the men's unions were agreed, subject to a decision being given as to payment for "blocking" with staves sawn off (what are termed "Intermediate" and also in some cases in regard to "slights") in connexion with Brewers' work. The award of the Board was loyally accepted by both parties and printed in the new book of prices governing the rates paid to journeymen Coopers in the London trade.

In the second case the same parties applied to the Board to determine the "allowances to be made to Master Coopers by journeymen Coopers for machine-made heads," and the award was accepted with equal loyalty by the disputants. Both awards contain the following provision :—"That in the event of any dispute occurring as to the interpretation of this award, or in the event of any other dispute arising as to the existing agreements between the parties, the same shall be referred to the London Labour Conciliation and Arbitration Board, whose decision shall be final, and in the event of either party desiring at some future time to terminate this award they shall give six calendar months' notice to the other party and to the London Labour Conciliation and Arbitration Board aforesaid, and will submit the matter to the arbitration of the said Board."

### V.—RULES OF CERTAIN BOARDS.

The following are the rules of five of the Conciliation Boards formed in 1900, two of which relate to the Scotch Coal Mining industry, one to the West Cumberland Limestone Trade, and two to Demarcation Boards in the Ship-building industry :—

#### (I.)—BOARD OF CONCILIATION FOR THE COAL TRADE OF SCOTLAND.

RULES of PROCEDURE for the BOARD OF CONCILIATION, established between the COAL OWNERS of SCOTLAND and the SCOTTISH MINERS FEDERATION on 5th January, 1900.

1. **Title.**—The title of the Board shall be "The Board of Conciliation for the Regulation of Wages in the Coal Trade of Scotland."

2. **Object.**—The Board shall have for its object the regulation of Miners Wages from 1st February, 1900. From that date to 1st August, 1900, the rate of wages shall not be reduced below a point 31½ per cent. over the 1888 basis, nor be advanced above a point 75 per cent. over the 1888 basis.

3. **Constitution of Board.**—The Board shall consist of twelve Coal Owners or Coal Owners' Representatives elected by the Coal Owners, and twelve Miners or miners' Representatives elected by the Miners.

**4. Chairman and Vice-Chairman.**—The Chairman and Vice-Chairman shall be elected by the Representatives to the Board at the first meeting, the one being a Coal Owner, and the other a Miners' Representative.

**5. Members of Board.**—The first members of the Board are and shall be :—

*Coal Owners or Coal Owners' Representatives:* Messrs. Andrew K. McCosh, John Wilson, M.P., Charles Thomson, John Addie, George A. Mitchell, James Nimmo, James Wood, James A. Hood, R. W. Wallace, Charles Carlow, James B. Thorneycroft and James A. Clarke.

*Miners or Miners' Representatives:* Messrs. Robert Smillie, David Gilmour, John Robertson, James Murdoch, John Wilson, John McGough, John Guthrie, James Cook, Peter Muir, John Weir, James Innes, and Robert Brown.

Of whom Mr. Andrew K. McCosh shall be Chairman, and Mr. Robert Smillie, Vice-Chairman.

**Vacancies.**—Whenever a vacancy has arisen, from any cause, on the Board such vacancy shall be filled up within one month of its occurrence by the body which appointed the member whose seat has become vacant. Intimation of such appointment shall be at once sent to the Secretaries.

**6. Place of Meeting.**—The meetings of the Board shall be held in Glasgow, or such other place as the Board shall from time to time determine.

**7. Short Reference—"The Parties."**—The constituents of the Board, i.e., Coal Owners or Coal Owners' Representatives, and Miners or Miners' Representatives, are, for brevity, herein referred to as "the parties."

**8. Secretaries.**—The parties shall each elect a Secretary to represent them in the transaction of the business of the Board, and each party shall give written notice thereof to the Secretary of the other party, and such Secretaries shall remain in office until they shall resign, or be withdrawn by the parties electing them. The Secretaries shall attend all meetings of the Board, and are entitled to take part in the discussion, but they shall have no power to move or second any resolution, or to vote on any question before the Board, unless they are duly elected members of the Board.

**9. Duties of Secretaries.**—The Secretaries shall conjointly convene all meetings of the Board, and take minutes of the proceedings which shall be entered in duplicate books, and each of these books shall be signed by the Chairman, Vice-Chairman, or other person, as the case may be, who shall preside at the meeting at which such minutes are read and confirmed. One of such minute books shall be kept by each of the Secretaries.

**10. Board Meetings.**—The Secretaries, on the written application of the Chairman and Secretary of either party for an alteration in the rate of wages, or an alteration of these rules, shall call a meeting of the Board within fourteen days at such time and place as may be agreed upon. The application for the meeting shall state clearly the object of the meeting.

**11. Duties of Chairman and Vice-Chairman.**—The Chairman, or in his absence, the Vice-Chairman, shall preside at all the meetings of the Board. In the absence of both Chairman and Vice-Chairman a member of the Board shall be elected by the majority to preside at that meeting. The Chairman or Vice-Chairman, or other person presiding, shall vote as a Representative, but shall not have any casting vote.

**12. Business at Meetings of the Board.**—All questions as to general advances or general reductions in the rate of wages shall, in the first instance be submitted to and considered by the Board, it being the desire and intention of the parties to settle any such general advances or general reductions by friendly conference if possible. If the parties cannot agree, then the meeting shall be adjourned for a period not exceeding fourteen days, to allow the matter to be discussed by the constituents of the two parties. In the event of a disagreement at the second meeting, a neutral Chairman may be called in to settle the matter, but only if both parties agree to that course. If it is agreed to call in a neutral Chairman, he shall be nominated at this second meeting, or an

adjournment thereof, and a third meeting of parties shall be held not later than fourteen days thereafter. The decision of the neutral Chairman shall be final and binding on both parties.

**13. Procedure.**—All questions submitted to the Board under Rule 12, shall be stated in writing, and may be supported by such verbal documentary, or other evidence and explanation as either party may submit, subject to the approval of the Board.

**14. Voting.**—All votes shall be taken at meetings of the Board by show of hands. When at any meeting of the Board the parties entitled to vote are unequal in number, all shall have the right to take part in the discussion; but only an equal number of representatives of each party shall vote. The withdrawal of the members of either party which may be in excess will be by lot, unless otherwise arranged.

**15. Expenses and Provision of Funds.**—Each party shall pay and defray the expenses of its own representatives and Secretary, but the costs and expenses for Stationery, Books, Printing, hire of rooms for meetings shall be borne by the respective parties in equal shares.

ROBERT BAIRD, } *Joint Secretaries*  
ROBERT BROWN. } *of the Board.*

5th January, 1900.

## (II.)—WEST LOTHIAN DISTRICT LOCAL (COAL) CONCILIATION BOARD.

**RULES of PROCEDURE for the LOCAL BOARD of CONCILIATION between the COALMASTERS and the MINERS and other WORKMEN in the WEST LOTHIAN DISTRICT.**

**1. Title and Period of Existence of Board.**—The title of the Board shall be the "West Lothian District Local Conciliation Board." The Board shall exist for twelve months from 1st August, 1900.

**2. Object.**—The Board shall have for its object the adjustment of differences other than general advances or reductions of wages with the Miners and other Workmen at any of the Collieries of the members of the West Lothian District Coalmasters' Association.

**3. Constitution of Board.**—The Board shall consist of Coalmasters who are members of the West Lothian District Coalmasters' Association, or their representatives, and an equal number of Miners or Miners representatives, not more than one half of whom may be checkweighers. No checkweigher may be elected to the Board who has not been a practical Miner.

**4. Chairman and Vice-Chairman.**—The Chairman and Vice-Chairman shall be elected by the representatives to the Board at the first meeting, the one being a Coalmaster and the other a Miners' representative.

**5. Members of Board.**—The first members of the Board are and shall be

Should a vacancy from any cause arise on the Board such vacancy shall be filled up within one month of its occurrence by the body which appointed the member whose seat has become vacant. Intimation of such appointment shall be sent to the Secretaries.

**6. Executive Committee.**—At their first meeting the Board shall, in order to expedite business, appoint an Executive Committee of its members, by whom all matters in dispute submitted to the Board shall, in the first instance, be considered, and in the event of said Committee not being able to settle any matter in dispute, which they shall have full power to do, it shall then be brought up at a full meeting of the Board for discussion and settlement.

**7. Composition of Executive Committee.**—The Executive Committee shall be composed of three representatives from each side of the Board.

At least one half of those representing the men on the Committee shall be *bonâ fide* Workmen, and not more than one of the three may be a checkweigher who must also be a practical Miner.



8.—The Miners' representatives on the Committee shall send to the Coalmasters' representatives a written notice of such business as they may propose to bring before the Joint Committee, and the Masters' representatives shall give a similar notice to the Miners' representatives.

Three days' notice to be given by either side. The meetings of the Executive Committee shall be held at such time and place as that Committee shall from time to time determine.

9. **Procedure for Consideration of Disputes without Stoppage of Work.**—In the event of a dispute arising at any Colliery represented by a Member of the Board, seven days shall be allowed the Colliery Firm, without stoppage of work, within which to endeavour to come to a direct settlement of the matter with their men, but should they not arrive at a settlement within the time specified, the matter in dispute shall then be referred to the Executive Committee of the Board, a meeting of which shall be called within three days' notice, and a further period of fourteen days, from the end of the seven days, shall be allowed without stoppage of work in which to have the matter fully discussed.

If the Executive Committee of the Board cannot agree at their meeting, a meeting of the Board shall be at once arranged, for the discussion and disposal of the business. If at the meeting of the Board they cannot agree, a neutral Chairman may be called in to settle the matter, but only if both parties agree to that course.

If it is agreed to call in a neutral Chairman, he shall be nominated at this meeting and a second meeting of the Board shall be held within the limited period, at which he shall give his decision, which shall be final and binding on both sides.

10. **Appointment of Secretaries.**—Both parties to the Board shall each elect a Secretary to represent them in the transaction of the business of the Board, and each party shall give written notice thereof to the Secretary of the other party, and such Secretaries shall remain in office until they shall resign or be withdrawn by the parties electing them. The Secretaries shall attend all meetings of the Board and are entitled to take part in the discussion, but they shall have no power to move or second any resolution or to vote on any question before the Board, unless they are duly elected members of the Board.

11. **Duties of Secretaries.**—The Secretaries shall conjointly convene all meetings of the Board and take minutes of the proceedings, which shall be signed by the Chairman, Vice-Chairman, or other person, as the case may be, who shall preside at the meeting at which such minutes are read and confirmed.

12. **Board Meetings.**—The Secretaries, on the written application of the Chairman and Secretary of either party, shall call a meeting of the Board within three days at such time and place as may be agreed upon. The application for the meeting shall state clearly the object of the meeting.

13. **Duties of Chairman and Vice-Chairman.**—The Chairman or, in his absence, the Vice-Chairman shall preside at all meetings of the Board. In the absence of both Chairman and Vice-Chairman a member of the Board shall be elected by the majority present to preside at that meeting.

The Chairman or Vice-Chairman or other person presiding shall vote as a representative, but shall not have any casting vote.

14. **Place of Meeting.**—The meetings of the Board shall be held in Glasgow or such other place as the Board shall from time to time determine.

15. **Procedure.**—All questions submitted to the Board under Rule 9 shall be stated in writing, and may be supported by such verbal, documentary, or other evidence and explanation as either party may submit, subject to the approval of the Board.

16. **Voting.**—All votes shall be taken at meetings of the Board by show of hands. When at any meeting of the Board the parties entitled to vote are unequal in number all shall have the right to take part in the discussion, but only an equal number of representatives of each party shall vote.

The withdrawal of the members of either party which may be in excess will be by lot unless otherwise arranged.

17. **Expenses.**—Each party shall pay and defray the expenses of its own representatives and Secretary.

**(III.)—BOARD OF CONCILIATION AND ARBITRATION FOR THE  
WEST CUMBERLAND LIMESTONE TRADE.**

**THE WEST CUMBERLAND LIMESTONE QUARRY OWNERS' ASSOCIATION AND  
THEIR WORKMEN. RULES FOR BOARD OF CONCILIATION AND ARBITRA-  
TION.**

1.—The title of the Board shall be "The Board of Conciliation and Arbitration for the West Cumberland Limestone Trade."

2.—The object of the Board shall be to consider and decide all questions affecting the interests of Employers and Employed constituting the Board with regard to Wages and Conditions of Employment.

3.—The Board shall be composed of the Members of The West Cumberland Limestone Quarry Owners' Association and the Workmen employed at their Quarries.

4.—The Board shall consist of two Representatives of each Quarry within the Owners' Association, one to be appointed by the Owner or Owners and the other by the Workmen. Where two or more Quarries belong to the same Owner or Owners, the same Representatives may act and vote in respect of each Quarry.

The Delegate for the time being at each Quarry shall be the Workmen's Representative for such Quarry, and a Representative so chosen shall be deemed to have been duly elected for the purposes of the Board.

5.—The leading object of the Board shall be the continuance of work at the existing rate of wages, pending the settlement of disputes, on the understanding that the decision of the Board, the Joint Committee, or the Arbitrator shall take effect from the date on which the appeal to the Board was made. And it is to be clearly understood that any strike or suspension of work is a direct violation of the Rules of the Board. On a local dispute arising at any Quarry it shall be the duty of the Workmen's Representative to discuss the same with the Employer or his Representative with the view to a mutual settlement before appealing to the Board or Joint Committee.

6.—Questions respecting adjustment of District Wages or Conditions of Employment and appeals from the decision of the Standing Committee shall be brought before the full Board, and in case no agreement can be arrived at, the matter shall be submitted to the Standing Arbitrator, whose decision shall be final and binding on both parties.

7.—For the purpose of considering local disputes, a Joint Committee shall be elected, consisting of three Employers, or their Representatives, and three Workmen's Representatives, together with the two Secretaries. The members of the Committee shall be elected at the Annual Meeting of the Board in each year, and shall be eligible for re-election; but either the Employers or Workmen shall have power to remove any of the members on their portion of the Committee and to appoint others to act in their places at any time during the year.

8.—The Annual Meeting of the Board shall be held during the month of June in each year to elect a President, a Standing Arbitrator, the Members of the Joint Committee, and two Secretaries, who shall continue in office until the corresponding meeting of the following year, and shall be eligible for re-election.

9.—The President shall preside over all meetings of the Board, except where the Arbitrator is called in—and in the absence of the President a temporary Chairman shall be appointed, but in neither case shall the Chairman have a casting vote.

10.—The voting at meetings of the Board shall be by show of hands, and the decision of a majority of the Board shall be binding on all parties. In case of an equality of votes, the question in dispute shall be submitted to the Standing Arbitrator, whose decision shall be final and binding on all parties.

If any member of the Board is unable to attend, the firm or workmen concerned may nominate another Representative for that occasion. In the absence of either Representative of any Quarry, the other Representative shall not be entitled to vote.

11.—Should it be proved, to the satisfaction of the Board, that any member uses his influence to prevent the decisions of the Board or of the Joint Committee being carried out, he shall forthwith cease to be a member.

12.—The Secretaries shall convene a meeting of the Board at any time when there is business to transact. The nature of the business at each meeting shall be set out in the circular calling such meeting, of which three clear days' notice shall be given. The time and place of all such meetings shall be arranged by the Secretaries, when not fixed by the previous meeting.

13.—The expenses of the Board and of the Joint-Committee shall be divided equally between the Employers and Workmen, but such expenses shall not include any payment for attendance or railway fares.

14.—Alterations or additions to these rules or the rules of the Joint Committee may be made at any meeting of the Board, provided notice of such alterations or additions has been given to the Secretaries at least one calendar month previous to such meeting.

**RULES FOR THE GUIDANCE OF THE JOINT COMMITTEE.**

15.—The Standing Committee shall consider, and have power to settle, all matters relating to local disputes or other questions referred to it by the Board, but any member feeling aggrieved by the decision of the Committee shall have power to appeal to the Board. In cases where the Committee cannot agree, the questions in dispute shall be submitted to the Board for decision under Rule 6.

16.—Before any local dispute is submitted to the Committee, a statement of the claim, and the reply thereto, shall be submitted in writing by the Employers' and Workmen's Representatives concerned. The Committee may require such evidence to be given by either party as they may consider desirable, and shall have power to appoint one or more of their number from each side to make inspections and report on any matter in dispute.

17.—The Joint Committee shall elect one of their number as Chairman, who shall not have a casting vote.

18.—Voting at meetings of the Committee shall be by show of hands. If there are more members present on one side than on the other, the extra members shall not vote. Each member shall have one vote, and the majority shall decide.

19.—Six clear days' notice shall be given by either Secretary to the other of any subject to be brought before the Committee, and the Secretaries shall thereupon convene a meeting of the Committee, to be held within ten days of the date of the original notice.

**(IV.)—LIVERPOOL AND BIRKENHEAD DISTRICTS STANDING COMMITTEE OF SHIPWRIGHTS, JOINERS AND EMPLOYERS FOR DEMARCATION OF WORK.**

**RULES OF PROCEDURE.**

1.—A Committee shall be formed for the purpose of arranging any difference that may arise either as to the definition of any clause in lists or as to the demarcation of work arising between Shipwrights and Joiners in the Liverpool or Birkenhead Districts.

2.—The Committee shall consist of four Joiners, four Shipwrights, and a representative from the Employers, who shall act as Chairman.

3.—All differences which cannot be settled by the parties themselves in the yard or on the job on which they occur shall be submitted to the Committee.

4.—On a difference arising on any job, the representative of the trade complaining shall see the representative of the other trade concerned, and they jointly shall intimate in writing the difference to the firm, whose representative shall immediately investigate the matter with the view of endeavouring to arrive at a settlement. But in the event of being unable to mutually arrange the difference, in order that work may proceed and irritating stoppages be

prevented, while at the same time perfectly safeguarding the legitimate rights of each trade, the firm shall be empowered in cases of emergency to give a temporary decision; but said decision must not be used to prejudice the ultimate arrangement of the question. The question must then be forthwith submitted to the Standing Committee for adjudication, and in no case are the men to cease work or be paid off through demarcation differences.

5.—The members forming the Committee shall be nominated by their respective constituents once a year, and shall serve for twelve months. When required by either of the parties a meeting of the Committee must be held within six days of request.

6.—If any member gives written notice to his Trade Secretary that he is unable to attend any meeting of the Committee, a substitute may be appointed to act in his place: at least five must be present to form a quorum. In all cases the voting power of the two trades shall be equal.

7.—On the constitution of the Committee they shall at once proceed to elect four Referees, who must be experts, but no Referee shall be called in who is connected with the firm in which the dispute to be settled has occurred.

8.—The representative of the party making a complaint, or claiming to do any work, shall state their case to the Committee, and all parties shall have power to call witnesses from the Liverpool or Birkenhead Districts.

9.—When the Committee cannot arrive at a settlement, the Chairman by the unanimous wish of the members of the Committee shall be entitled to give a decision, but otherwise shall not have a vote,—failing an agreement, the matter must go before one of the selected Referees, who will be communicated with by a letter sent and signed by the Secretary of the Employers' Association. In the event of this Referee being unable to act, another to be written to until one is obtained. The Secretary of the Birkenhead Shipbuilders' Association, and the Secretary of the Liverpool Shipbuilders' Association, will act as Secretary of the Standing Committee and Referee Board within their respective Districts; but each trade may bring their own Secretary to any of the meetings.

10.—The decision of the Committee, the Chairman, or Referee, as the case may be, shall apply to all the yards in the respective districts, and stand good for twelve months, and for such further time as they are not called in question by either of the trades.

11.—Each of the parties represented on the Committee shall bear their own expenses, but the Joiners and Shipwrights' Societies shall bear the expenses of the Reference Board, unless where a claim is held by the Referee to be frivolous, when the party bringing forward such claim and failing to substantiate the same shall, if ordered by the Referee, pay the whole of the expenses incurred.

12.—The Chairman shall regulate the proceedings on the foregoing basis, and the decisions of the Committee, Chairman or Referee, as the case may be, printed in an appendix form from time to time.

N.B.—The foregoing rules shall not be altered except one of the parties give six months' notice, which must not terminate before July 31st, 1901.

Signed—

For the JOINERS' SOCIETIES,

W. G. COWAN, *Secretary*.

For the SHIPWRIGHTS' SOCIETIES,

CHARLES MATTHEWS, *Secretary*.

For the LIVERPOOL SHIPBUILDERS and ENGINEERS' ASSOCIATION,

H. H. GRAYSON, *Chairman*.

H. M. GRAYSON, } *Joint Hon. Secretaries.*  
G. H. POTTER, }

For BIRKENHEAD SHIPBUILDERS' ASSOCIATION,

JOHN M. LAIRD, *Chairman*.

PETER McMENEMY, *Secretary*.

July 23rd, 1900.

**(V.)—SHIPWRIGHTS', JOINERS', AND EMPLOYERS' BOARD,  
FOR DEMARCATION OF WORK IN CONNECTION WITH  
THE ASSOCIATED YARDS AT THE HARTLEPOOLS,  
STOCKTON AND MIDDLESBRO'.**

**RULES.**

1. **Objects.**—A Board shall be formed for the purpose of settling any difference which may arise either as to the definition of any clause in the Demarcation Lists :—Hartlepool, dated January 1st, 1890 ; Stockton, dated February 1st, 1900 ; Middlesbrough, March 7th, 1893 ; or as to the demarcation of work between Shipwrights and Joiners.

2.—All disputes as to the demarcation of work that cannot be settled by the parties themselves in the yard in which they arise shall be submitted to the Board.

3. **Constitution.**—The Board shall consist of three Shipwrights, three Joiners, and three Employers.

4.—The members forming the Board shall be nominated by their respective constituents once a year, and shall serve for 12 months. When required by any of the parties, a meeting of the Board must be held within six days.

5. **Substitutes.**—If any member gives notice to his Secretary that he will not be present at any meeting of the Board, a substitute may be appointed to act in his place.

6. **Quorum.**—Two from each trade and two employers must be present to form a quorum.

7. **Voting Power.**—In all cases the voting power of the three parties on the Board shall be equal, i.e., should one of the representatives of the three parties be absent, an equal number of the representatives of the other two parties shall abstain from voting.

Should a tie in voting on any question that may be submitted to the Board arise through the absence of any member, the decision on such question shall be adjourned to a full meeting of the Board.

8. **Procedure in Case of Dispute.**—In all cases, work other than the job in dispute shall go on without stoppage, pending decision.

In the event of any dispute arising the disputants shall endeavour to settle the matter in the yard concerned, in the first instance through the yard representatives, and a representative of the firm who shall be immediately notified that such dispute has arisen.

Or, if in the opinion of the firm the work is not urgent, it may be suspended, if desired by either of the yard representatives, for not more than three days to allow of the District Delegates on both sides attending and jointly conferring with the firm's representative.

Failing a settlement being affected as above, <sup>or</sup> in cases where the work is urgent, a temporary decision shall be given by the firm's representative, but said decision must not be adduced in evidence or in any way used to prejudice the ultimate arrangement of the question.

The said decision must then be forthwith submitted to the Board for adjudication, but in no case are the men to cease work or be paid off through demarcation differences.

9. **Witnesses.**—The representatives of the party making the complaint or claiming to do any work shall state their case to the Board, and both parties shall have power to call witnesses and also to cross-examine. The number of witnesses shall not exceed three for each trade.

10. **Custom of Port.**—Where a difference occurs respecting a job previously done in the port, no outside evidence shall be introduced relating to the practice in another port or district.

11. **Decisions.**—The decisions of the Board shall apply to all yards in the port, and stand good for 12 months, and for such further time as they are not called in question, by being brought before the Board for reconsideration.

The decisions of the Board shall be printed in an appendix from time to time.

12. **Expenses.**—Each of the parties represented shall bear their own expenses and their share of the expenses of the Board.

13. **Duties of Chairman.**—The Board shall elect one of their number to act as Chairman, and to regulate the proceedings on the foregoing basis.

14. **Secretary.**—The Employers' Secretary shall act as Secretary to the Board.

Signed—

For the TEES and HARTLEPOOL SHIPBUILDERS' ASSOCIATION :

HENRY G. SPENCE, *Chairman*,  
EDWARD ROBSON, *Secretary*.

For the SHIPWRIGHTS :

R. JOHNS.  
J. MCDIARMID.  
RD. FOWLER.  
WM. MARKHAM.  
T. McDONIC.

For the JOINERS :

THOS. LIDDLE.  
HY. BARKER.  
WM. HOWGEGO.  
W. J. MACKUIN.

29th October, 1900.

---

***TEXT OF CERTAIN AGREEMENTS AND AWARDS  
TERMINATING TRADE DISPUTES.***

---

## APPENDIX I.

TEXT OF CERTAIN AGREEMENTS AND AWARDS TERMINATING  
TRADE DISPUTES.

## BUILDING TRADES.

## PLASTERERS IN LONDON.

(See p. 10, No. 19.)

AGREEMENT between the LONDON MASTER BUILDERS' ASSOCIATION and the  
NATIONAL ASSOCIATION of OPERATIVE PLASTERERS, dated 16TH MARCH,  
1900.

1. That the working hours in summer shall be 50 per week for 40 weeks.

That during 12 weeks of winter, commencing on the second Monday in  
November, the working hours shall be for the first three weeks and the last  
three weeks 47 hours per week, and during the six middle weeks 44 hours per  
week.

## HOURS OF LABOUR.

## SUMMER.—FOR FORTY WEEKS.

First five days of each week, 6.30 a.m. to 8 a.m., 8.30 a.m. to 12 noon, 1 p.m. to 5 p.m.	Saturdays, 6.30 a.m. to 8 a.m., 8.30 a.m. to 12 noon. Equal to 50 hours per week.
---	---

## WINTER.—FOR TWELVE WEEKS.

<i>For three weeks commencing the second Monday in November.</i>	Saturdays, 8 a.m. to 12 noon. Equal to 44 hours per week.
First five days of each week, 7 a.m. to 8 a.m., 8.30 a.m. to 12 noon, 12.30 p.m. to 4.30 p.m.	
Saturdays, 7 a.m. to 8 a.m., 8.30 a.m. to 12 noon. Equal to 47 hours per week.	<i>For the following three weeks.</i>
<i>For the next six weeks.</i>	First five days of each week, 7 a.m. to 8 a.m., 8.30 a.m. to 12 noon, 12.30 p.m. to 4.30 p.m.
First five days of each week, 8 a.m. to 12 noon, 12.30 p.m. to 4.30 p.m.	Saturdays, 7 a.m. to 8 a.m., 8.30 a.m. to 12 noon. Equal to 47 hours per week.

Plasterers working in shops to have one hour for dinner throughout the  
year and work half-an-hour later in winter to agree with time made on outside  
works.

2. The rate of wages shall be 11d. per hour.

3. That overtime when worked at the request of the employers, but not  
otherwise, shall be paid at the following rates, namely :—from leaving-off time  
until 8 p.m., time and a quarter; from 8 p.m., to 10 p.m., time and a half; after  
10 p.m., double time. No overtime shall be reckoned until each full day has



been made, except where time is lost by stress of weather. On Saturday the pay for overtime, from noon to 4 p.m., shall be time and a half; and after 4 p.m., and Sunday, double time. Christmas Day shall be paid the same as Sunday.

4. That one hour's notice be given or one hour's time be paid by either side on determining an engagement. All wages due shall be paid at the expiration of such notice, or walking time if sent to yard.

In the event of more than *ten per cent.* of the workmen of the trade employed at the job giving notice to leave during any one day (except Saturday), they shall not be entitled to receive their money until noon on the following pay day.

5. That men who are sent from the shop or job, including those engaged in London and sent to the country, shall be allowed as expenses, 6d. per day for any distance over six miles from the shop or job; exclusive of travelling expenses, time occupied in travelling, and lodging money.

Any workman being sent to work over 20 miles and not exceeding 50 miles shall be allowed by his employer return railway fare once per month, between 50 and 120 miles once in eight weeks, over that distance special arrangements between employer and workman. No payment shall be made for time occupied in travelling. The payment for travelling shall be made on the works on the following pay day. It is understood that travelling time shall be allowed on completion of job.

6. That payment of wages shall commence at noon, or as soon thereafter as practicable, on Saturday, and be paid on the job. But if otherwise arranged, walking time at the rate of three miles per hour shall be allowed to get to the pay table at noon.

7. That employers shall provide, where practicable and reasonable, a suitable place for the workmen to have their meals on the works, with a labourer to assist in preparing them.

8. That wages earned after leaving-off time on Friday and Saturday only shall be kept in hand as back time.

9. That the term "London district" shall mean 12 miles radius from Charing Cross.

10. For the adjustment of all disputes and to avoid stoppage of work, it is agreed that upon a difference arising between an employer (being a member of the London Master Builders' Association) or upon the works of an employer (being a member of the London Master Builders' Association) and any of his workmen (being members of the National Association of Operative Plasterers) from any cause whatever notice shall be given by the Association or Society of the complaining party to the Association or party representing the other side and the subject matter of dispute shall thereupon be referred to the Board of Conciliation who shall be summoned within six working days (and either decide or refer the question within the five following working days), proceeding in the following manner :—

For all purposes of the foregoing rules the Board of Conciliation shall consist of three members nominated by the employers (being members of the London Master Builders' Association) and three by the workmen (being members of the National Association of Operative Plasterers). Each party shall send to the other party within one week from the date of signing these rules and within one week from January 1st, in each year, the names of the persons nominated as their representatives on the Board of Conciliation for the current year ending December 31st, and in the event of the death or resignation of any member either party shall appoint another member within one week, notice being given thereof. The number of representatives of the employers (being members of the London Master Builders' Association) and of the workmen (being members of the National Association of Operative Plasterers) on the Conciliation Board shall always be equal and shall be so maintained during the sitting.

If the Board of Conciliation so constructed cannot arrive at a definite decision by a majority of the members of the Board application may be made by either party to the Board of Trade under the "Conciliation Act, 1896," or apply

#### 104 AGREEMENTS AND AWARDS TERMINATING TRADE DISPUTES.

for the appointment of a person to act as a conciliator. The Board of Conciliation shall have power to decide all questions arising between the employer (being a member of the London Master Builders' Association) and the workmen (being members of the National Association of Operative Plasterers) including any questions between one trade and another as regards demarcation of labour or other matters provided that for the decision of any question involving claims or rights of other trades a Joint Conciliation Board shall be constituted of the three representatives nominated by each trade involved and by a similar number of representatives of the employers so that the members of the Joint Conciliation Board may be specially represented on such board and so that the number of representatives of the employers and the workmen on such Joint Conciliation Board shall be equal and be so maintained during the sitting.

A Joint Conciliation Board shall have the like powers as a Conciliation Board and be regulated in the same manner.

The Conciliation Board or a Joint Conciliation Board shall have power to make such rules and regulations for the transaction of business as they may approve.

In the event of an application being made to the Board of Trade or a person being appointed as a conciliator the decision of such person shall be final and binding on both parties, each Association undertaking to enforce such decision (or the decision of the Conciliation Board) together with all the foregoing rules amongst its members by fines or if necessary by expulsion.

11. The Plasterers' Association will not take any steps to compel managing foremen of plasterers, or superintendents of plasterers' work, into membership of the N. A. O. P.

12. No employer shall engage any additional apprentices to the plastering trade whilst the number of his apprentices shall exceed one-fourth of the number of journeymen plasterers then employed by him.

All apprentices shall be legally bound.

13. No "boycotting" or "blacklisting" shall take place by the National Association of Operative Plasterers in future where firms (being members of the London Master Builders' Association) adhere to the rules mutually agreed upon. The employers (being members of the London Master Builders' Association) agree that such rules shall be strictly enforced.

14. That six months' notice on either side, to expire on the first Saturday in March, shall terminate the foregoing rules.

Signed on behalf of the National Association of Operative Plasterers.

GEO. COLLINS.  
HENRY OVERTON.  
D. HENNESSEY.  
J. CLARK (*President*).  
GEORGE COLE (*London District Secretary*).

Signed on behalf of the London Master Builders' Association.

CHARLES WALL (*President L. M. B. A.*).  
THOMAS GREGORY (*Chairman of Committee*).  
FRANK MAY.  
HENRY HOLLOWAY.  
GEO. JAS. LOUGH.  
ERNEST J. BROWN.  
BENJAMIN I. GREENWOOD.  
THOMAS COSTIGAN (*Secretary, L. M. B. A.*).

#### ENGINEMEN IN CANNOCK CHASE DISTRICT.

(*See p. 20, No. 169.*)

AGREEMENT between the CANNOCK CHASE COAL OWNERS' ASSOCIATION and the NATIONAL AMALGAMATED UNION of ENGINEMEN, CRANEMEN, HAMMER DRIVERS, AND BOILER FIREMEN of GREAT BRITAIN, dated 27TH NOVEMBER, 1900.

Winders.—To receive wages the same as before the handing in of notices plus 2*d.* in lieu of the advances proposed for January and February next.

The hours to be reduced to 10, and overtime to be paid at the rate of 6d. per hour.

Sunday wages to be paid as heretofore.

**Stokers, Pumpmen, Fanmen, and Boilerminders.**—To receive an advance of 3d. per day. An allowance of One Shilling per double turn at week ends to be made where the men are working full turns of 12 hours.

**Re-instatement.**—That the Collieries are willing to take everyone back who has not been guilty of misconduct, and will re-instate them in their former positions where possible.

Agreed— ARTHUR SOPWITH,  
*Chairman of the Association.*

GEO. H. COPLEY,  
*Secretary to the Enginemen's Union.*

27th November, 1900.

#### IRON AND STEEL DRESSERS IN WEST OF SCOTLAND.

(See p. 40, No. 21.)

AGREEMENT between the WEST OF SCOTLAND IRON AND STEEL FOUNDERS ASSOCIATION and the ASSOCIATED IRON, STEEL, AND BRASS DRESSERS OF SCOTLAND, dated 8TH JUNE, 1900.

1. That overtime in all districts, including Glasgow, shall (subject to the declaration aftermentioned) be paid for at the rate of time-and-a-quarter, but the overtime to be limited to twelve hours per man per week, except in cases of breakdown or other urgent circumstances; but founders who are paying, or have agreed to pay, time-and-a-half for overtime may continue to do so if they think proper.

2. That all employers shall be entitled to employ society or non-society dressers, and that the members of the Dressers' Society agree to work in harmony with society or non-society dressers. The employer in all cases to be the judge as to whether a man is a dresser or not.

3. That three months' notice in writing be given on either side before any alteration is made in regard to wages or other conditions of labour.

4. That where piecework does not obtain at present, each individual employer shall have the right forthwith to introduce piecework by mutual arrangement with his own dressers.

5. That dressers shall not interfere in any way whatever with the management of workshops, and that no combined action shall be taken on any shop question until the matter has been before the executives of the respective Associations. The allocation of the work in each shop between the different classes of workmen shall rest entirely with each individual employer.

6. That each individual employer will be allowed to judge for himself whether or not he will pay dressers overtime, when they have wrought more than the ordinary daily working hours of the shop, although the full week or fortnight, as the case may be, has not been wrought, provided that has arisen through no fault of their own.

7. That on the Dressers' Society intimating compliance with these conditions, the shops will be opened on Friday first, the 8th current. The retention or dismissal of the men taken on during the dispute will rest entirely with each individual employer.

## 106 AGREEMENTS AND AWARDS TERMINATING TRADE DISPUTES.

8. That on the Dressers' Society intimating compliance with these conditions, the iron dressers in Greenock, Paisley, Johnstone, Coatbridge, and New-mains districts who are in receipt of 6½d. an hour and under, will receive an advance of ½d. an hour.

We agree to the above terms of settlement.

*For the Associated Iron, Steel, and Brass Dressers of Scotland.*

JOHN M'GLONE.  
WILLIAM WILLIAMS.  
JAMES M'GREGOR.  
JAMES GOWRIE.  
ROBERT ROSS M'FADZEN, Secy.

*For the West of Scotland Iron and Steel Founders' Association.*  
WM. MORISON, Secy.

8th June, 1900.

## HARBOUR LIGHTERMEN AT HULL.

(See p. 60, No. 60.)

AWARD of the ARBITRATORS, dated 1st SEPTEMBER, 1900.

Clause 1.—Weekly lightermen to receive 27s. per week, the week to finish at one o'clock on Saturday; the men to leave the lighters properly secured and covered up, after which they are to call for their wages and to receive orders for Monday morning at their employers' office. If required to work on Saturday afternoon, the men should do so at the rate of 9d. per hour from one o'clock until six o'clock, after which ordinary overtime pay commences.

Clause 2.—Overtime to be paid at the rate of 10½d. (Tenpence-halfpenny) per hour, to be paid twelve hours per night, the lighter-owners to guarantee the overtime payment.

Clause 3.—Shifting between 7 p.m. and 5 a.m. for all loaded craft up to 40 tons carrying capacity and light craft, the rate to be 2s. 6d. per shift. In all other cases the rate to be 3s. For slipping on the flood from above Sculcoates Bridge the rate to be 3s. 6d.

Clause 4.—If lighterman ordered 5 a.m. to 6 a.m., or from 6 p.m. to 7 p.m., the rate to be 1s. 3d.

Clause 5.—In all cases of discharging bulk grain or seed, an allowance is to be paid to the men so discharging, whether lightermen or otherwise, at the rate of three-farthings per last between two men.

Clause 6.—(a) Sunday pumping to be paid at the rate of 3s. for any number of lighters up to twelve; for every additional lighter above twelve 3d. to be paid; this to be for lighters listed for pumping or shepherding by the owner.

(b) Night pumping to be paid for at the rate of 1s. 6d. for any number of lighters up to twelve, and three-halfpence per lighter for each additional lighter above twelve that may be listed for pumping or shepherding by the employers. Having to attend more than twice in one night to be paid six shillings for the night.

For the purpose of night pumping, each of the following districts to count one pump:—

1. Albert Dock and Sir William Wright Dock.
2. All Town Docks and Victoria Dock.
3. The River, Hull.
4. Alexandra Dock.

Clause 7.—Going to mills at night to berth lighters—one man to be paid 2s. 6d. for each loaded lighter up to 40 tons carrying power or for light craft, except where the owner regards two men as necessary. In this case, and in the case of all loaded craft above 40 tons carrying capacity, the rate to be 3s. 6d. between two men.

Clause 8.—Casual men to receive 5s. 9d. per day from 6 a.m. to 6 p.m., Mondays to Fridays inclusive; on Saturday the half-day to count from 6 a.m. to 1 p.m., for which the rate is to be 2s. 10½d. If required to work Saturday afternoon, casual men shall do so, and shall be paid 9d. per hour as from 1 o'clock to 6 p.m.

Clause 9.—Saturday afternoon to be recognised half-holiday, subject to the condition laid down in Clause 1 and Clause 8 as above, and further, if either regular or casual men are employed on Saturday afternoon, they are to be allowed the usual dinner hour; no man employed on a Saturday afternoon to be discharged with less than 3s. 9d.

Clause 10.—For casual men the full day shall count from 6 a.m. to 6 p.m., three-quarter day shall count from 9 a.m. to 6 p.m., half-day shall count from 6 a.m. to 12 noon, and from 1 to 6. No man to be set on for less than half a day.

Clause 11.—Piece men to be paid 4d. per last for cargoes of 300 quarters and under; for cargoes upwards of 300 quarters 3d. per last; for all overtime piece workers to be paid 6d. per hour extra. The piece rate shall include shifting loaded craft from dock to place of discharge and back (light) to any berth in the River, Hull, or to the Town Docks, if possible in one tide; it being understood that one tide shall be allowed to take any vessel up and a tide for bringing her down. If the light craft is to be taken from tier to dock on a subsequent tide, such shifting to count and to be paid for at the ordinary shift rate.

Clause 12.—Piecework discharging grain to be at the option of the employer.

#### NOTE.

The representatives of the lighter owners and lightermen having strongly expressed themselves in favour of strictly adhering to any award that we might make, we regard this undertaking as being morally binding on both sides, and therefore do not deem it necessary to state any specific period for the operation of this award, but we set forth that no variation shall take place at any time in the future without the party desiring to vary giving three months' notice to the other side. We further place on record that the Association of the Employers on the one side and the Union of the Men on the other side, make themselves responsible for the strict adherence to this award on the part of their respective individual members.

EDWARD N. HILL,  
CLEMENT EDWARDS.

#### EXPLANATION NOTE.

With regard to Clause 3 it shall be understood that the respective notes and conditions for shifting lighters shall apply during the day (when men are not employed on day or weekly wages) as well as at night.

In the first sentence of this Clause the term "light craft" shall be understood to mean on *all* light craft.

C. E.  
E. N. H.

### DOCK LABOURERS AT DUNDEE.

(See p. 62, No. 1.)

AGREEMENT between the SHIPOWNEERS, SHIPBROKERS, and STEVEDORES and the National Union of DOCK LABOURERS.

Meetings of the parties interested were held on Monday and Tuesday, 8th and 9th January, 1900, and after full discussion, it was mutually agreed as follows:—

1. That the men resume work at 1 p.m. on the 9th inst., on the basis of conditions mutually agreed upon.

2. That as far as possible each man should be reinstated in the position he held before the strike, and that no one be victimised.

## 106 AGREEMENTS AND AWARDS TERMINATING TRADE DISPUTES.

3. The shipbrokers and stevedores disclaimed any intention of interfering with the Union.

4. That a Board of Conciliation be formed, consisting of three members from the shipbrokers and shipowners, two from the stevedores, and three from the Labourers Union, Mr. R. T. Leitch, General Secretary; the Union to be at liberty to have their Secretary or Organiser present at meetings of the Conciliation Board, to which would be referred all disputes relating to the work in connection with the loading and discharging of vessels at Dundee.

5. That in future, disputes originating with either party be referred to the Board of Conciliation for consideration before any action is taken.

6. The basis of conditions mutually agreed upon is as attached, with the following additions.

7. Stevedores to provide proper and efficient gear for the various descriptions of work.

8. The shipowners and shipbrokers shall endeavour, along with the Harbour Authorities <sup>and</sup> or the Police Commissioners, to provide more efficient lights for night work.

9. That all members be paid on job, and every man receive his own pay, and that no man carry more than 2 cwt., at a time.

10. Cleaning up of ships' or steamers' holds and lumber, &c., to be paid at the port rate of wages.

11. The first meeting of the Conciliation Board to be held in April, on a date to be afterwards arranged.

(Signed) THOMAS MCQUADE,  
President, Dundee Branch Dockers' Union.  
CHARLES KENNEDY, General President.  
For Shipowners and Shipbrokers :  
ANDREW LEITCH, Shipbroker.  
CHARLES BARRIE, Shipowner.  
W. ROGERS, Stevedore.

## DOCK LABOURERS AT DUNDEE.

(See p. 62, No. 69.)

AGREEMENT between the STEVEDORES of the WEEKLY STEAMERS and the NATIONAL UNION OF DOCK LABOURERS.

### DAY WORK.

Rate of pay, 7d. per hour. Minimum term of employment. 3 hours for the first period, viz. :—From 6 a.m. till 9 a.m.

Minimum term of employment for the second period, 4 hours, viz. :—From 10 a.m. till 2 p.m.

Minimum term of employment for the third period, 3 hours, viz. :—From 3 p.m. till 6 p.m.

Men started intermediate only to be paid for time worked.

All meal hours and recognised Union holidays, of which there are six during the year, viz., the 1st and 2nd of January, the Monday and Tuesday of the midsummer holidays, and the spring and autumn holidays, to be paid for at overtime rates.

Men not to work more than four hours at a spell unless when steamer finishing for tide, when the time may be extended one hour.

## NIGHT WORK.

Rate of pay, 10½d. per hour. Minimum term of employment for night work not to be of less than 3 hours.

This tariff only to apply to men engaged on the casual system, viz., by the hour.

The above agreement only to apply to the discharging or loading of steamers.

(Signed)	DAVID STORROCK, DAVID BALLIE, JAMES NESS, JAMES McDONALD, THOMAS MITCHELL, THOMAS MOQUADE, Branch President. JAMES DOLAN, Secretary. JAMES MILLS, on behalf of the Executive	}	Stevedores.
----------	---	---	-------------

## CORN PORTERS AT BRISTOL, PORTISHEAD, AND AVONMOUTH.

(See p. 60, No. 41.)

AGREEMENT between the BRISTOL CHANNEL AND WEST OF ENGLAND CORN TRADE ASSOCIATION and the DOCK WHARF RIVERSIDE AND GENERAL LABOURERS' UNION OF GREAT BRITAIN AND IRELAND, dated 7TH JULY, 1900.

An Arbitration Board to be appointed, to which shall be referred all disputes with regard to the wages or terms of employment or work connected with the Corn Trade of the Port. Such Board to consist of eight members, four to be chosen by each side, and in case of need an umpire to be mutually chosen by them, or if they fail to agree upon an umpire, then that official to be nominated by the President of the Chamber of Commerce for the time being.

Not less than six members—three from each side—of the Arbitration Board to form a quorum, in which case no more than three votes to be recorded by either side.

The decision of such Arbitration Board to be binding on each side, and no strike or lock-out of Union men to take place under any circumstances either pending or in consequence of such decisions.

A sum of \$300 to be forthwith deposited by the employers and a similar sum by the Dockers' Union in the Bristol Branch of the London and South Western Bank, Limited, in the names of Mr. S. C. Hosegood and Mr. F. Gilmore Barnett as trustees mutually appointed, one on each side. Such money to be held as "caution money" and to remain intact unless and until any of the provisions of this Memorandum or of any Arbitration Award given by the Arbitration Board in accordance with the terms thereof, shall have been broken or not complied with, in which case the money subscribed by the offending party, or so much thereof as may be necessary to recoup any loss or damage which may have resulted from such breach or non-compliance, shall be forfeited and paid over to the other party, and in case of dispute as to this, the matter shall be referred to said Arbitration Board and any money so paid over shall be forthwith replaced by the party losing same.

Pending the appointment of the Board of Arbitration any disputes are to be settled by Arbitration in the same way as hereinafter provided for in the case of claims for extra men in the hold or for other operations.

In case an Arbitration is demanded, costs of such Arbitration shall follow the Award and be paid before the Award comes into operation.

The work of the Port to be resumed (so soon as this Memorandum shall have been signed and the moneys have been deposited) at the rates and on the conditions in force before the present strike; but if any advance is awarded to the weighers, the same shall date from the 2nd July, 1900.

## 110 AGREEMENTS AND AWARDS TERMINATING TRADE DISPUTES.

No third or extra man in the hold for bushelling or bagholding to be allowed unless the same is absolutely necessary owing to the *heated* or *excessively* dirty condition of the cargo. Any dispute on this point to be settled by Arbitration, the Secretary of the Bristol Dockers' Union or another official named by him to act for the men in such Arbitration. (The Board of Arbitration to decide how this particular point shall be dealt with in the future.)

The employers to be allowed to employ men without reference to their being Union or non-Union men.

No objection to be made to working goods which have been handled during the strike by non-Union or Imported men after the Imported labour has been withdrawn.

The Corn Trade Employers to do all in their power to get the Imported men sent home after they have completed the terms of their employment.

The Officers of the Dockers' Union on their part to do all in their power to prevent the Imported men being molested whilst they are here or at the time of their leaving the Port.

No objection to be raised to the use of machinery in discharging cargoes.

It is understood that this Agreement does not apply to any foreman or under-foremen.

The question of the employment of lads to be left to the Board of Arbitration for settlement.

This Agreement to be subject to six months' notice from either side, such notice to be given not earlier than January 1st, 1901.

The officers of the Union and the employers undertake that this Agreement shall be loyally carried out.

Bristol, July 7th, 1900.

Signed on behalf of the Dock, Wharf, Riverside and General Labourers Union of Great Britain and Ireland, 425, Mile End Road, London.

(Signed) WILLIAM GORMAN,  
*Secretary of the Dockers' Union, Bristol District,*  
28, Prince Street, Bristol.

Signed on behalf of the Bristol Channel and West of England Corn Trade Association.

(Signed) SAMUEL C. HOSEGOOD,  
*President.*  
SAMUEL GANE,  
*Secretary.*

Witness to the signatures of

W. Gorman, S. C. Hosegood, and S. Gane, respectively,

(Signed) F. GILMORE BARNETT, *Bristol.*

### DOCK LABOURERS AT BRISTOL, PORTISHEAD, AND AVONMOUTH.

(See p. 60, No. 41.)

AGREEMENT between the DOCKS COMMITTEE and two FIRMS and the DOCK, WHARF, RIVERSIDE and GENERAL LABOURERS' UNION of GREAT BRITAIN and IRELAND, dated 7TH JULY, 1900.

An Arbitration Board to be appointed, to which shall be referred all disputes with regard to the wages or terms of employment or work connected with the Dock Labourers engaged by the hour or day. Such Board to consist of eight members, four to be chosen from each side, and in case of need an umpire to be mutually chosen by them, or if they fail to agree upon an umpire, then that official to be nominated by the President of the Chamber of Commerce for the time being.



Not less than six members—three from each side—of the Arbitration Board to form a quorum, in which case no more than three votes to be recorded by either side.

The decision of such Arbitration Board to be binding on each side, and no strike or lock-out of Union men to take place under any circumstances either pending or in consequence of such decisions.

A sum of £300 to be forthwith deposited by the employers, and a similar sum by the Dockers' Union, in an approved Bristol bank, in the names of two trustees to be mutually appointed (one on each side), such money to be held as "caution money," and to remain intact unless and until any of the provisions of this Memorandum, or of any Arbitration Award given by the Arbitration Board in accordance with the terms thereof, shall have been broken or not complied with, in which case the money subscribed by the offending party, or so much thereof as may be necessary to recoup any loss or damage which may have resulted from such breach or non-compliance, shall be forfeited and paid over to the other party, and in case of dispute as to this, the matter shall be referred to the said Arbitration Board, and any money so paid over shall be forthwith replaced by the party losing the same.

The Arbitration Board to be appointed forthwith, and in case an Arbitration is demanded, the costs of such Arbitration shall follow the award, and be paid before the award comes into operation.

The work of the Port to be resumed (so soon as this Memorandum shall have been signed and the moneys have been deposited) at the rates and on the conditions in force before the present strike.

The Employers to be allowed to employ men without reference to their being Union or non-Union men.

No objection to be made to working goods which have been handled during the strike by non-Union or imported men after the imported labour has been withdrawn, and no objection to be raised to the continued employment of regular hands or foremen who have worked cargoes during the Strike.

The Employers to do all in their power to get the imported men sent home after they have completed the terms of their employment.

The Officers of the Dockers' Union on their part to do all in their power to prevent the imported men being molested whilst they are here, or at the time of their leaving the Port.

No objection to be made to the use of machinery in discharging cargoes. The question of employment of lads to be left for settlement to the Board of Arbitration.

The Officers of the Union and the Employers undertake that the above Agreement shall be loyally carried out by the men.

This Agreement to be subject to six months' notice from either side, such notice to be given not earlier than January 1st, 1901.

*Dated this 7th July, 1900.*

WILLIAM GORMAN,  
*On behalf of the Dockers' Union.*

*For the Docks Committee,*  
pp. F. B. GIRDLESTONE,  
*General Manager.*

A. HARVEY.

E. J. KING AND SONS.

*For the Bristol Steam Navigation Company.*  
GEORGE CLARKE,  
*Secretary.*

*Witnesses—*

F. GILMORE BARNETT Bristol.

**Agreements subsequently made as to Rules, Rates, and Conditions of Labour for Grain Porters, Dock Labourers, Deal Carriers, Lightermen, and Master Hobblers and Riggers of Bristol, Avonmouth and Portishead.**

1. <b>Weighers.</b> —To be paid for weighing any kind of grain or seed up to											
1,400	bushels...	...	...	...	...	...	...	...	...	...	4/6
1,500	"	"	"	"	"	"	"	"	"	"	4/9
1,600	"	"	"	"	"	"	"	"	"	"	5/-

With 3½¢ per hundred bushels after that quantity has been weighed. Minimum pay: if starting before 10 a.m. and retained the whole day, 4s. 6d.; half day, 2s. 3d.; and 3½¢ extra after 700 bushels.

2. Truckers, Trimmers in Sheds, and Bag Starters on Vessels, to be paid for any kind of grain or seed up to 1,400 bushels ... .. 4/3  
Do. do. do. 1,500 „ ... .. 4/6  
Do. do. do. 1,600 „ ... .. 4/9  
and 3½d. per hundred bushels after that quantity has been weighed. Minimum pay: If starting before 10 a.m. and retained the whole day, 4s. 3d.; half a day, 2s. 2d.; and 3½d. extras after 700 bushels.

**3. Bag Starters.**—Two men to be employed by the merchant and two by the stevedore, when the bushellers are measuring from bags only; but when there are part bags and part bulk, then one man from the stevedore and one from the merchant, and be paid same rate as above.

4. **Heated Cargoes.**—When the temperature is over 102 degrees of heat an extra man is to be allowed by the merchant and one by the stevedore to each gang, but when the temperature falls below 102 the extra man will be withdrawn at the expiration of the current half day.

**5. Truckers.**—The number of truckers according to distance.

6. **Trimmers.**—One trimmer to be employed to each gang taking into store.

7. Overtime rate for weighers, truckers, bag starters, and trimmers (in stores) for any kind of grain or seed, per hundred bushels, 5¢ each.

8. **Meters ex Ship and Hulk.**—Three men shall be employed in each gang to measure heavy grain and seeds, and to be paid at the rate of 4½d. per hundred bushels, and for light grain and seeds 4d. per hundred bushels each man. Irish oats and open barges, two men in each gang, and be paid 4½d. per hundred bushels each. Truckers and trimmers are to be employed as soon as the meters have reached the between decks or the bottom of the vessels.

**9. Heated Cargoes.**—When the temperature of grain in cargoes (other than African or Asian) exceeds 102 degrees of heat, an extra man shall be allowed. A thermometer shall be placed in the bulk as near as possible to each gang (by authorised persons as provided for in arbitration cases) morning and afternoon, not less than half-an-hour after work is commenced, and kept in the bulk three feet from the surface for five minutes. When the temperature is found to be less than 102 degrees, the extra man at the expiration of the current half day shall be withdrawn.

**10 Asian and African Cargoes of Grain.**—Should the men demand an extra busheller and the employers refuse to concede him, the dispute shall be settled by arbitration, all extra labour to be paid for as above.

11. Overtime for meters,  $6\frac{1}{2}d.$  per hundred bushels. Minimum rate of pay, 2s.

12. **Samplers** to be paid 6s. per day. Minimum rate 3s. Overtime : Time and half ; Sundays, &c., double time.

13. **Day Workers** in the grain trade, when starting before 10 a.m., 4s. 6d. per day; half a day, 2s. 3d. Overtime, if employed for the whole night, 7s. 6d.

14. **Landers.**—The rate of pay shall be 5d. per hundred bushels for all kinds of heavy grain and seeds, and for all light grain and seeds, 4½d. per hundred bushels each man. That to ship's rail or hopper, from scales on the shore side, one man; from the off side, two men. Overall, from near side to railway trucks or wagons, two men; from the offside, three men; the wagons to be brought alongside of vessel if convenient. Outside of vessel when the fender is down, one man from each gang, except below the big crane (harbour railway wharf) when two men are allowed to load railway trucks, and three men for wagons, when they are outside the railway lines, such wagons to be brought alongside the vessel when possible.

15. That landers on hulks be paid 4d. per hundred bushels per man.

16. **Heated Cargoes.**—That in the case of heated cargoes of grain when the temperature is over 102 degrees of heat, the landers be allowed ½d. per hundred bushels per man, but the extra payment shall be disallowed on the same basis as that applicable to extra bushellers.

17. That landers ex-ship into sheds shall be allowed three landers to fill shed throughout after the fender is down.

18. Overtime rate for landers, 6½d. per hundred bushels each man. Minimum rate of pay, 2s.

19. That at Avonmouth only, when lowering over ship's sides in sacks (from American liners only) an extra man is to be allowed to each gang for snortering and lowering, directly same becomes necessary, and to be paid same rate as truckers; this does not apply to vessels of a smaller type than the steamship "Lycia," now running to Avonmouth. Overtime, 5½d. per hundred bushels.

20. **Fixing Gangs on Vessels.**—When there is even numbers of gangs, they must be placed equal number on each side of the vessel, but if there is an odd gang, it shall be placed on either side as required by the employer.

21. **Turning out ex Stores.**—That 3½d. per hundred bushels per man be paid for deliveries from all stores where the sieve is used, but when the bushel is used 4d. per hundred bushels per man shall be paid. The number of men engaged for such work shall not be less than six in each gang, but if there is bag starting, then eight men to each gang. Overtime, 5½d. per hundred bushels.

22. **Stack Deliveries.**—Four men shall be employed when in same sacks, but if started, six men, and be paid 4d. per hundred bushels each man. Overtime 6d. per hundred bushels.

23. **Trimming to and from Elevators.**—Each man to be paid 5s. 6d. per day. Overtime, time-and half.

24. **Taking into Store from Railway Trucks or Wagons.**—Four men to be employed and be paid 3½d. per hundred bushels per man. Overtime, 5½d. per hundred bushels.

25. **Weighing Grain or Seeds in Bags**—When bag cargoes are weighed in ship's bags, the weight shall be averaged into bushels and paid for at same rates as bulk cargoes.

26. **Extra Weight.**—Should any kind of grain or seeds be weighed above the recognised standard of weights, it shall be averaged into bushels and be paid for same rates as above.

27. **Oil Cake ex Ship.**—Two men to each gang shall be employed carrying into railway trucks, wagons or overside, and be paid 3d. per ton each man. Landers to mark the bags. The weigher to be paid 2d. per ton.

28. **Oil Cake ex Store.**—Five men to be employed in each gang when taking into store, each man to be paid 2d. per ton, but when delivering from

# 114 AGREEMENTS AND AWARDS TERMINATING TRADE DISPUTES.

store 1½d. per ton each man ; if carrying is necessary, two men in the gang shall be paid 3d. per ton each. Overtime, 1d. per ton extra each man.

29. **Flour ex Ship.**—Three men shall be employed to load railway trucks or wagons ; but if going overside, two men ; and be paid 2d. per ton each, and the weigher 2d. per ton.

30. **Ex Store.**—Four men to deliver ex store and to be paid 2d. per ton each man ; if through distance any other men are required they shall be paid at the same rate. Overtime, 1d. per ton extra each.

31. **Winching.**—Each man employed winching shall be paid 4d. per hundred bushels heavy or light grain or seed. Overtime, 1d. per hundred bushels each man extra.

32.—The hours of the men employed by stevedores working on grain vessels, to be the same as corn porters.

33. **Rate of Pay for Holiday Work.**—Sunday, Christmas Day and Good Friday, double pay. Bank Holidays, night work rates.

34. **Hours of Labour.**—From and including March 1st to October 31st, 8 a.m. to 6 p.m. ; from and including November 1st to February 28th, 8 a.m. to 4 p.m. ; Saturdays, 8 a.m. to 1.30 p.m. Overtime to commence half-an-hour after the above hours.

35. **Meal Times by Day.**—Allowance from 10.30 to 11 a.m., dinner from 1 to 2 p.m., allowance from 4 to 4.30 p.m. in the March to October hours. Allowance from 10.30 to 11 a.m., dinner from 1 to 1.30 p.m. in the November to February hours. Night work, tea from 6 to 6.30 p.m. ; supper from 10 to 11 p.m., and refreshments from 3 to 3.30 a.m.

36. The Board has resolved that until further notice, should an arbitration be demanded by either the merchants or the men, the Dockers' Union be asked to name an arbitrator to meet the merchants' arbitrator, and in case of disagreement between the said arbitrators, and their failure to choose an umpire, the Board proceed at once to name one. Should the Board be unable to agree, the Chairman of the Chamber of Commerce be asked to nominate an umpire to act in the case, whose decision shall be final. Four members of the Board to constitute a quorum for the selection of an umpire.

37. **RULES, RATES, AND CONDITIONS OF LABOUR FOR THE HOUR AND DAY WORKERS IN THE PORT OF BRISTOL, AS AGREED TO BY MERCHANTS AND SHIPOWNERS AND THE DOCKERS' UNION ARBITRATION BOARD. MEETINGS HELD AT THE GUILDHALL, 1900.**

a. Rate of pay for checkers, 5s. 10d. per day ; minimum rate, 2s. Overtime, time-and-half ; Sundays, &c., double time.

Hours.						Rate of Pay.
b.	6 a.m. to 6 p.m.	...	...	...	...	6½d. per hour.
	6 p.m. to 6 a.m.	...	...	...	...	9d. "
	Saturdays, 6 a.m. to 1.30 p.m.					

c. Sunday, Christmas Day, and Good Friday, double pay on overtime and day time rates. Bank Holidays' rate of pay same as night work. Minimum rate of pay, 2s., always provided that the stoppage does not occur by default on the part of the men, or by stress of weather compelling such stoppage.

d. Meal times by day : breakfast 8.30 to 9 a.m., dinner 1 to 2 p.m. ; meal times night work : tea 6 to 6.30 p.m., an hour for supper from 10 to 11 p.m., and a half-an-hour for refreshments at 3 to 3.30 a.m.

e. Meal times to be paid for, with the exception of the dinner and supper hours, when only half-an-hour of each is to be paid.

38. **Working in Ship's Hold.**—Not less than four men are to be employed to each gang, this applies to all kinds of general goods.

39. **Broken Time.**—When finishing work, should the half-hour or hour be past, the half-hour broken into must be paid for.

40. When starting work at 6 a.m. and finishing at 1 p.m., or starting at 1 p.m. and finishing at 6 p.m. an extra half-hour shall be paid.

41. **Wrecks.**—Men employed on wrecks to be paid 1s. per hour. Overtime 1s. 6d. per hour. Sundays, Christmas Day and Good Friday, double time. Bank Holiday, overtime rate to be paid. Should the conditions of work be in a very bad state, the rates to be agreed upon by the employer and officials of Union.

42. The men to be paid at the earliest possible time after finishing work, and if kept waiting shall be paid 6½d. per hour.

43. **DEAL CARRIERS.—AGREEMENTS BETWEEN THE BRISTOL DOCKS' COMMITTEE AND THE DOCKERS' UNION.**

#### AVONMOUTH DOCK.

a. That men employed in the deal and timber trade are to be paid 5s. 6d. per day for five days of the week, and to be paid 4s. for Saturday.

b. **Hours to be Worked.**—From and including March 1st to October 31st, 8 a.m. to 6 p.m. From and including November 1st to February 28th, 8 a.m. to 5 p.m. Saturdays, from 8 a.m. to 1 p.m.

c. **Meal Times.**—Allowance from 11 to 11.15 (there must not be a general stoppage, only a few men at a time to leave so that the work can be kept going). Dinner from 1 to 2 p.m.

d. **Overtime.**—Overtime to be paid for at the rate of time-and-half. Christmas Day, Sunday, and Good Friday, double time. Bank Holiday to be paid for at overtime rate.

44. **AGREEMENTS BETWEEN THE MERCHANTS AND EMPLOYEES.**

#### BRISTOL OLD DOCKS.

a. That the rate of pay shall be 5s. 6d. per day, Saturdays 4s. per day

b. **Hours to be Worked.**—From March 1st to October 31st, 6 a.m. to 5.30 p.m. Saturday, 6 a.m. to 1 p.m. From November the 1st to February 28th, 7 a.m. to 5 p.m. Saturday, 7 a.m. to 1 p.m.

c. **Meal Times, Long Hours.**—From 8 to 8.30 a.m., allowance time from 10.45 to 11.5 a.m. Dinner from 1 to 2 p.m. Meal times, short hours, from 9 to 9.30 a.m., and from 1 to 2 p.m.

d. **Overtime.**—Overtime after the above hours shall be paid for at the rate of time-and-half. Christmas Day, Good Friday, and Sundays, double time.

45. **Lightermen's Rules and Rates.**—That lightermen engaged for the full week shall be paid 27s. but for any number of days less than six, 5s. per day. Watching, 5s. per night. Meal times to be the same as grain porters. If taking in oil cake from two gangs, piecework, three men to be allowed in hold. Taking in grain, that one man is to be allowed to each gang on barge or lighter. That not less than two men be allowed in barge or lighter when in harbour loading any commodity. When there is a scarcity of lightermen, and casual men are employed, they must be paid piece work taking in grain in sacks. River work, three men must be allowed going down the river by night, and two men by day, or coming up, *vice versa*. Should men be employed at either of the docks so late that they lose the last train to Bristol, or have to stop down for early tide, they shall be paid 4s. for same.

**Overtime** to be paid for at the rate of time-and-half. Christmas Day, Good Friday and Sundays, double time. Bank Holiday, time-and-half.

46. **Rules and Rates for Coal Porters and Hobblers.—Bristol Old Docks.**—The rate for carrying coal per ton each man is 1½d., but should a spreader be used and two gangs be working, 1d. per ton each man.

**Hobblers filling on Steam Barges.**—Four men are to be employed, and be paid 1d. per ton each man. Hobblers employed filling above bridge to be paid 1½d. per ton each man. Hobblers employed filling below bridge (steam barges excepted) to be paid 1½d. per ton each man. That all coal put on board vessels from other vessels to be paid for by the ton. That no hobble shall be kept for anyone, but the first to apply shall be employed.

## 116 AGREEMENTS AND AWARDS TERMINATING TRADE DISPUTES.

**Overtime.**—Overtime rate shall be  $\frac{1}{2}d.$  per ton in advance of above rates for each man. Christmas Day, Good Friday, and Sunday, double pay. Bank Holiday, the overtime rate to be paid.

**47. Valonia.**—It is agreed that six men shall be allowed to fill valonia in bunkers and all hatchways when through division the space is less than five feet, and five men in open hatchways, and be paid  $3d.$  per ton each. Landing from scale or near side of vessel to rail, one man; from the off side, two men; overall into railway trucks or wagons from off scale, three men; from near side, two men; when the plank is down, one man from each gang outside, except below the big crane (harbour railway wharf) when two men are allowed into railway truck and three men into wagons if outside the railway lines, and be paid  $2\frac{1}{2}d.$  per ton each. Weigher, trucker, tying-up, and winchmen  $2\frac{1}{2}d.$  per ton each. Tally clerk,  $6s. 6d.$  per day.

**Overtime,  $1d.$  per ton extra each man.** Sundays, Christmas Day, and Good Friday, double pay. Bank Holiday, overtime rate, hours same as grain men. Two men on winch to the between decks and three men lower hold.

**48. Nitrate of Soda.**—Four men to be employed in the hold, and be paid  $1\frac{1}{2}d.$  per ton each. Landing from off scale to ship's rail two men, from near scale one man, overall from off side three men, near side two men, when the fender is down, one man from each gang outside into railway trucks or wagons, except below the big crane (harbour railway wharf) when two men are allowed into railway trucks and three men into wagons when they are outside the railway lines, and to be paid  $1\frac{1}{2}d.$  per ton each. Weigher,  $1d.$  per ton. Winching, three men,  $1\frac{1}{2}d.$  each. Overtime,  $\frac{1}{2}d.$  per ton on the above rates. Hours same as grain men.

**49. Locust Beans.**—Four men are to be employed in the hold filling locust beans in each gang, and be paid  $3d.$  per ton each. Weigher,  $3d.$  per ton. Winching,  $3d.$  per ton each man. Landers, same number of men and conditions as that laid down for grain landers, and be paid  $3d.$  per ton each man. Number of men winching: two men to the between decks, and three men in lower hold.

**50. Ice.**—Landing,  $6s.$  per man per day. Weighing,  $6s. 6d.$  per day.

**51. Oranges.**—Two men shall be employed to land oranges from each gang, and be paid  $1s. 3d.$  per hundred boxes or packages.

**52. Phosphate Rock.**—Four men are to be employed filling in ship's hold to each gang, and be paid  $1d.$  per ton per man. Weigher and bearer in,  $1d.$  per ton each.

**53. Copper Ore.**—Four men are to be employed filling in ship's hold to each gang, and be paid  $1d.$  per ton each. Weigher and bearer in,  $\frac{1}{2}d.$  per ton each. Tally clerk,  $6s. 6d.$  per day.

**54. Hobblers Coastwise.**—Two men to be employed in the hold filling sand gravel, or any other dead weight stuffs, and to be paid  $2d.$  per ton each (this applies to cargoes outside Lundy Island), but for all cargoes from ports east of Lundy,  $1\frac{1}{2}d.$  per ton. Small scrap iron,  $2\frac{1}{2}d.$  per ton; large scrap iron,  $2d.$  per ton each. Winching, two men,  $2d.$  per ton each.

**55. a. Sugar ex Ship.**—That eight men in a gang shall be employed to land raw sugar, and be paid  $7d.$  per ton for the gang.

**b. Sugar ex Sheds Turning Out.**—That seven men shall be employed delivering from all stores or quay, and be paid  $6d.$  per ton for the gang.

**56. Ballasting Vessels.**—When using steam winch or gagette, seven men shall be employed in the gang and be paid  $1d.$  per ton each. But when hoisting by hand winch, six men to be allowed and be paid  $1\frac{1}{2}d.$  per ton each.

**57. Salt.**—Six men shall constitute a gang to load vessels from barges or lighters, and be paid  $1\frac{1}{2}d.$  per ton each.

**58. a. Master Hobblers and Riggers.**—For providing the requisite number of men for working vessels from Bristol, Avonmouth and Portishead (and staying by them while loading and getting stores on board) to Newport, Penarth, and Cardiff, £9; Swansea, £12; Barry, £10.

3. **Runs per Man.**—From Bristol, Avonmouth, and Portishead, to Newport, Penarth and Cardiff, £1; Barry, £1 2s. 6d.; Swansea, £1 10s.; London, £3; Liverpool, £2 10s.; Glasgow, £3 5s.

59. Should any dispute arise on any details of work mentioned in these rules and rates, the matter must be referred to the respective Arbitration Boards for settlement.

60. These rules and rates are only binding on, and can only be obtained (legally) by, members of the Dockers' Union.

---

## APPENDIX II.

**PRINCIPAL BOARD OF TRADE PUBLICATIONS ON  
LABOUR QUESTIONS.**

The following are among the principal Publications relating to Labour Questions which have been, or are about to be, published by the Board of Trade.

**MONTHLY JOURNAL.**

The "LABOUR GAZETTE"—the Journal of the Labour Department of the Board of Trade—published on the 15th of each month. May be ordered through any newsagent, price 1d., or obtained direct from the Publishers, Messrs. Horace Marshall & Son, Temple House, Temple Avenue, London, E.C., at the rate of 2s. per annum for addresses in the United Kingdom, including postage.

**ANNUAL AND SPECIAL REPORTS.**

These may all be obtained through any bookseller, or direct from Messrs. Eyre and Spottiswoode, East Harding Street, London, E.C. When ordering, the official number, given below, should be quoted.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Postage.*
<b>Abstract of Labour Statistics for the United Kingdom :—</b>		<i>s. d.</i>	<i>s. d.</i>
1893-4 ... ..	C.—7,565	0 9	1 0
1894-5 ... ..	C.—7,900	0 10½	1 1½
1895-6 ... ..	C.—8,230	1 0	1 3
1896-7 ... ..	C.—8,642	1 0	1 3
1897-8 ... ..	C.—9,011	0 11½	1 2½
1898-9 ... ..	Cd.—119	0 11½	1 2½
1899-1900 ... ..	Cd.—495	1 0	1 3
<b>Abstract of Foreign Labour Statistics :—</b>			
1st Report ... ..	C.—9,442	0 8	0 10½†
2nd " ... ..	Cd.—720	1 4½	1 8½
<b>Changes in Wages and Hours of Labour in the United Kingdom :—</b>			
1st Report on (1893) ... ..	C.—7,567	1 3	1 7
2nd " (1894) ... ..	C.—8,075	1 9	2 1
3rd " (1895) ... ..	C.—8,374	1 2	1 5
4th " (1896) ... ..	C.—8,444	1 6	1 10
5th " (1897) ... ..	C.—8,975	1 2½	1 5½
6th " (1898) ... ..	C.—9,434	1 5	1 9
7th " (1899) ... ..	Cd.—309	1 6	1 10
8th " (1900) ... ..	Cd.—688	1 5½	1 9½
<b>Standard Piece Rates (1893) ... ..</b>	<b>C.—7,567-I</b>	<b>1 0</b>	<b>1 3</b>
" " " (1900) ... ..	Cd.—144	1 4	1 8

\* In the United Kingdom.

† Letter Post.



## ANNUAL AND SPECIAL REPORTS—continued.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Postage.*
Standard Time Rates (1893) ... ..	C.—7,567-II	s. d. 1 3	s. d. 1 6
" " " (1900) .... .	Cd.—817	0 11	1 2
Rates of Wages paid in the United Kingdom in 1886 :—			
Principal Textile Trades ... ..	C.—5,807	1 6	1 10
Minor " " " " " " " " " "	C.—6,161	0 9½	1 0½
Mines and Quarries " " " " " " " "	C.—6,455	1 0	1 3
By Local Authorities and Private Companies to Police, and to Workpeople employed on Roads, &c., and at Gas and Water Works.	C.—6,715	1 3	1 6
General Report† ... ..	C.—6,889	4 3	4 9
Wages and Earnings of Agricultural Labourers in the United Kingdom.	Cd.—346	3 4	3 8
Weekly Hours of Labour in 1850, 1860, 1870, 1880, and 1890.	H.C. 375, 1890	0 7½	0 9½†
Conciliation (Trade Disputes) Act, 1896 :—			
1st Report of Proceedings under ... ..	C.—8,533	0 3	0 4†
2nd " " " " " " " " " "	H.C. 275, 1899	0 2	0 2½§
3rd " " " " " " " " " "	In the press	—	—
Strikes and Lock-outs, 1st Report on (1888)	C.—5,809	0 10	1 0½†
" " " 2nd " " (1889)	C.—6,176	1 3	1 6
" " " 3rd " " (1890)	C.—6,476	2 11	3 4
" " " 4th " " (1891)	C.—6,890	4 4	4 9
" " " 5th " " (1892)	C.—7,403	3 3	3 8
" " " 6th " " (1893)	C.—7,566	2 4	2 8
" " " 7th " " (1894)	C.—7,901	2 9	3 1
" " " 8th " " (1895)	C.—8,231	2 4	2 8
" " " 9th " " (1896)	C.—8,643	1 2	1 5
" " " 10th " " (1897)	C.—9,012	1 1	1 4
" " " 11th " " (1898)	C.—9,437	0 10½	1 1½
" " " 12th " " (1899)	Cd.—316	0 11	1 2
" " " 13th " " (1900)	Cd.—689	0 10½	1 1½
Trade Unions, 1st Report on ... ..	C.—5,104	0 7½	0 9½†
" 2nd " " (1887) ... ..	C.—5,505	2 5	2 9
" 3rd " " (1888) ... ..	C.—5,808	2 1½	2 5½
" 4th " " (1889 and 1890)	C.—6,475	5 1½	5 7½
" 5th " " (1891) ... ..	C.—6,990	2 4	2 8
" 6th " " (1892) ... ..	C.—7,436	2 8	3 0
" 7th " " (1893) ... ..	C.—7,808	2 3	2 7
" 8th " " (1894 and 1895)	C.—8,232	4 4	4 10
" 9th " " (1896) ... ..	C.—8,644	1 4	1 8
" 10th " " (1897) ... ..	C.—9,013	1 4½	1 8½
" 11th " " (1898) ... ..	C.—9,443	1 6½	1 10½
" 12th " " (1899) ... ..	Cd.—422	1 6½	1 10½
" 13th " " (1900) ... ..	In the press	—	—

† Letter Post.

† Some of the figures in this volume relate to 1891 and 1892.

**§ Book Post.**

PRINCIPAL BOARD OF TRADE PUBLICATIONS ON LABOUR  
QUESTIONS.ANNUAL AND SPECIAL REPORTS—*continued*.

Title of Report.	Official Number to be quoted on Ordering.	Price, exclusive of Postage.	Price, including Postage.*
Provision for Old Age Abroad ... ..	C.—9,414	s. d. 0 3	s. d. 0 4†
Profit-sharing, Report on (1894) ... ..	C.—7,458	0 10	1 1
"Gain-sharing" and certain other systems of Bonus on Production, Report on (1895).	C.—7,848	0 6½	0 8½†
Report on Contracts given out by Public Authorities to Associations of Work- men (1896).	C.—8,233	1 5	1 9
Report on Workmen's Co-operative Societies.	In the press	—	—
Cost of Production in relation to Wages in certain Industries (1891).	C.—6,535	1 7	1 11
Women and Girls, Employment of :— Statistics of Employment of Women and Girls (1894).	C.—7,564	0 8	0 10½†
Changes in the Employment of Women and Girls in Industrial Centres (1898), Part I.	C.—8,794	0 6	0 8†
Money Wages of Domestic Servants ... ..	C.—9,346	0 3½	0 4½†
Employment of Children on leaving School (Upper Standards), Return of.	H.C. 23, 1899	0 6	0 8†
Unemployed, Report on the Agencies and Methods for dealing with the (1893).	C.—7,182	1 11	2 3
Alien Immigration :— Alien Immigration into United States (1893)...	C.—7,113	1 7	1 11
Recent Immigration from Eastern Europe, Reports on the Volume and Effects of (1894).	C.—7,406	1 0	1 3
Directory of Industrial Associations (1900.)	Cd.—120	0 7½	0 10†

\* In the United Kingdom.

† Letter Post.